

NISD Middle School Course Selection



2026-2027

**NORTHSIDE INDEPENDENT
SCHOOL DISTRICT**

Please be advised that this Course Catalog is contingent on future decisions of the Texas Education Agency, State Board of Education, Texas Legislature and/or Northside Independent School District. If changes occur, the online catalog will be updated.

It is the policy of Northside Independent School District not to discriminate on the basis of age, race, religion, color, national origin, sex or handicap in its programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

Welcome to Northside Middle Schools



Welcome to Northside Independent School District, where we pride ourselves on our outstanding educators and our superior instructional and extracurricular programs. Whether this will be your first experience at a Northside middle school campus or you are returning for another great school year, we are excited about the opportunities available at each of our Northside schools.

Northside is one of the largest and most diverse school districts in the state. Despite our size, we still maintain a cohesive, family-friendly atmosphere that places the utmost importance on student success, community involvement, and fiscal responsibility.

Northside truly is San Antonio's premier school district of choice and we will continue to maintain our tradition of academic excellence for every student. Middle school course offerings are based on student interest and alignment to high school program opportunities.



Questions or Need Help?

The process for students/parents to make course selections for the following school year typically begins in early spring. Each middle school campus will communicate with both 5th grade parents (of future 6th grade students) and to current 6th and 7th grade parents about their specific processes and timelines.

For more information about registering for middle school classes or to learn about any of Northside's programs, feel free to contact the counseling department at any of our middle schools using the contact information found on the next page in this catalog.

To verify your child's assigned middle school campus, visit <https://www.nisd.net/schools/buses>



Northside ISD

Campus Contact Information

Bernal Middle School

(210) 398-1900
14045 Bella Vista Place, 78253

Briscoe Middle School

(210) 398-1100
4265 Lone Star Parkway, 78253

Connally Middle School

(210) 397-1000
8661 Silent Sunrise, 78250

Folks Middle School

(210) 398-1600
9855 Swayback Ranch, 78254

Garcia Middle School

(210) 397-8400
14900 Kyle Seale Parkway, 78255

Hobby Middle School

(210) 397-6300
11843 Vance Jackson Road, 78230

Hobby Magnet School

(210) 397-6280
11843 Vance Jackson Road, 78230

Jefferson Middle School

(210) 397-3700
10900 Shaenfield Road, 78254

Jones Middle School

(210) 397-2100
1256 Pinn Road, 78227

Jones Magnet School

(210) 397-2230
1256 Pinn Road, 78227

Jordan Middle School

(210) 397-6150
1725 Richland Hills Drive, 78251

Jordan Magnet School

(210) 397-6230
1725 Richland Hills Drive, 78251

Luna Middle School

(210) 397-5300
200 N. Grosenbacher Road, 78253

Neff Middle School

(210) 397-4100
5227 Evers Road, 78238

Pease Middle School

(210) 397-2950
201 Hunt Lane, 78245

Rawlinson Middle School

(210) 397-4900
14100 Vance Jackson Road, 78249

Rayburn Middle School

(210) 397-2150
1400 Cedarhurst Drive, 78227

Ross Middle School

(210) 397-6350
3630 Callaghan Road, 78228

Rudder Middle School

(210) 397-5000
6558 Horn Boulevard, 78240

Stevenson Middle School

(210) 397-7300
8403 Tezel Road, 78254

Stinson Middle School

(210) 397-3600
13200 Skyhawk Drive, 78249

Stinson Magnet School

(210) 397-3600
13200 Skyhawk Drive, 78249

Straus Middle School

(210) 398-2550
8092 Talley Road, 78253

Vale Middle School

(210) 397-5700
2120 N. Ellison Drive, 78251

Zachry Middle School

(210) 397-7400
9410 Timber Path, 78250

Zachry Magnet School

(210) 397-7490
9410 Timber Path, 78250

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Using the Course Catalog

The Middle School Course Catalog provides course information for required courses and electives. Courses have been organized by grade level. If you have questions about the information included for each course.

EXPLANATION OF ABBREVIATIONS

ELA: English Language Arts

MS: Middle School

HS: High School

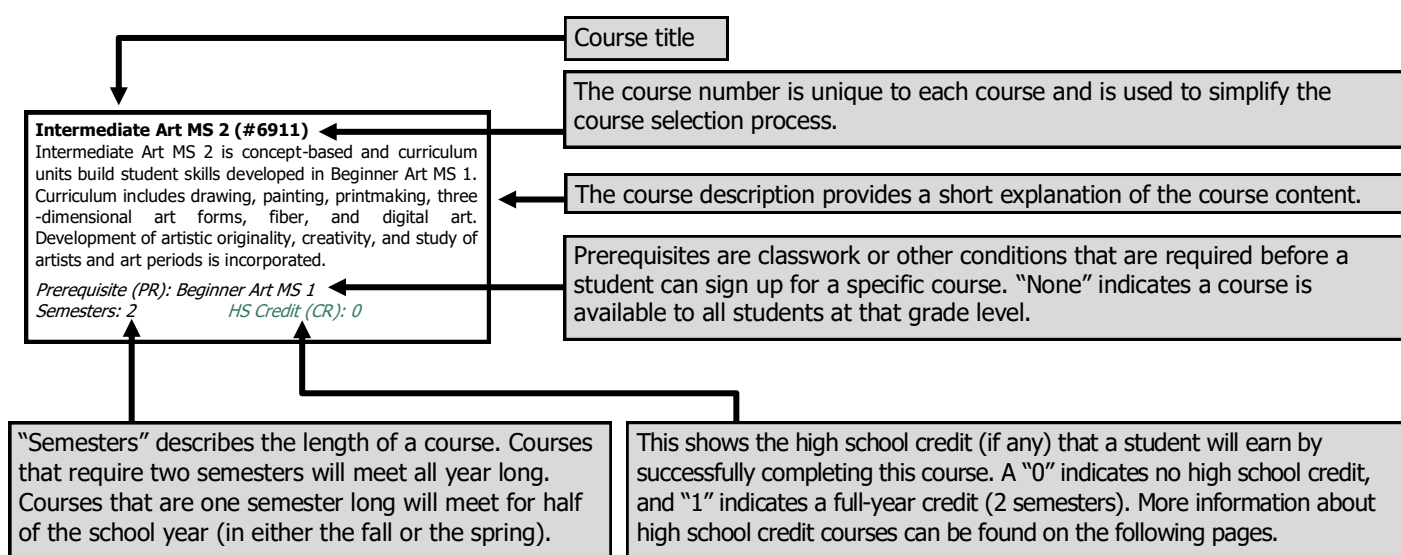
PR: Prerequisite

SEM: Semesters

CR: High School Credit

How to Read Course Descriptions

This course selection booklet contains information about each course offered at NISD middle schools. Courses are grouped by grade level and content area. Each course description contains the following basic information:



Course listings in this catalog are grouped by grade level. Courses for students at each grade level can be found in the following sections:

- Courses for incoming 6th grade students: Pages 14-15
- Courses for incoming 7th grade students: Pages 16-21
- Courses for incoming 8th grade students: Pages 22-29
- Courses for Hobby Magnet School: Pages 32-44
- Courses for Jones STEM School: Pages 45-59
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Gifted & Talented Program

Northside Independent School District recognizes that all students are entitled to a program of educational experiences which provides opportunities to maximize the development of their capabilities. Our goal is to engage identified GT students through a program model that exemplifies the vision of NISD GT by creating a highly challenging learning environment that fosters energy and excitement, encourages students to create and evaluate, and provides experiences that enable students to reach their fullest potential as independent thinkers.

Gifted learners at the middle school level are a population with distinct educational needs. They have potential that requires differentiated and challenging educational services beyond those provided in the general education program. High-ability adolescents can differ from peers in cognitive skills, interests, modes of learning, and levels of motivation. GT students benefit from learning environments that both celebrate their unique needs and simultaneously support them in becoming more capable and productive. (National Association for Gifted Children)

The middle school model has defined GT courses at each grade level. The courses, Innovative Thinkers 1, 2, and 3, are developed around district-created curriculum specifically designed to create opportunities where students are challenged to think critically, explore, create, develop, and become independent thinkers and leaders.

All Innovative Thinkers courses are taught by the campus GT Specialists, who have completed the state required GT training and are experts in their field.



Middle School Advanced Academics Course Opportunities for Identified GT Students

Innovative Thinkers: A year-long dedicated GT course developed especially for middle school gifted and talented students. This course includes opportunities to explore new ideas and novel approaches to challenges and problem based learning experiences in the following areas: STEAM (science, technology, engineering, arts, and math), Character Development, Public Speaking, Social/Emotional Learning, Research, Entrepreneurship, and Leadership.

Identified GT students will be scheduled into the courses listed below.

6th Grade: Innovative Thinkers 1

7th Grade: Innovative Thinkers 2

8th Grade: Innovative Thinkers 3—[HS Credit](#)

In addition to GT courses, students also have multiple opportunities to earn high school credit while still enrolled in middle school. To find more information about these opportunities, see [Advanced Academics: High School Credit Courses](#).

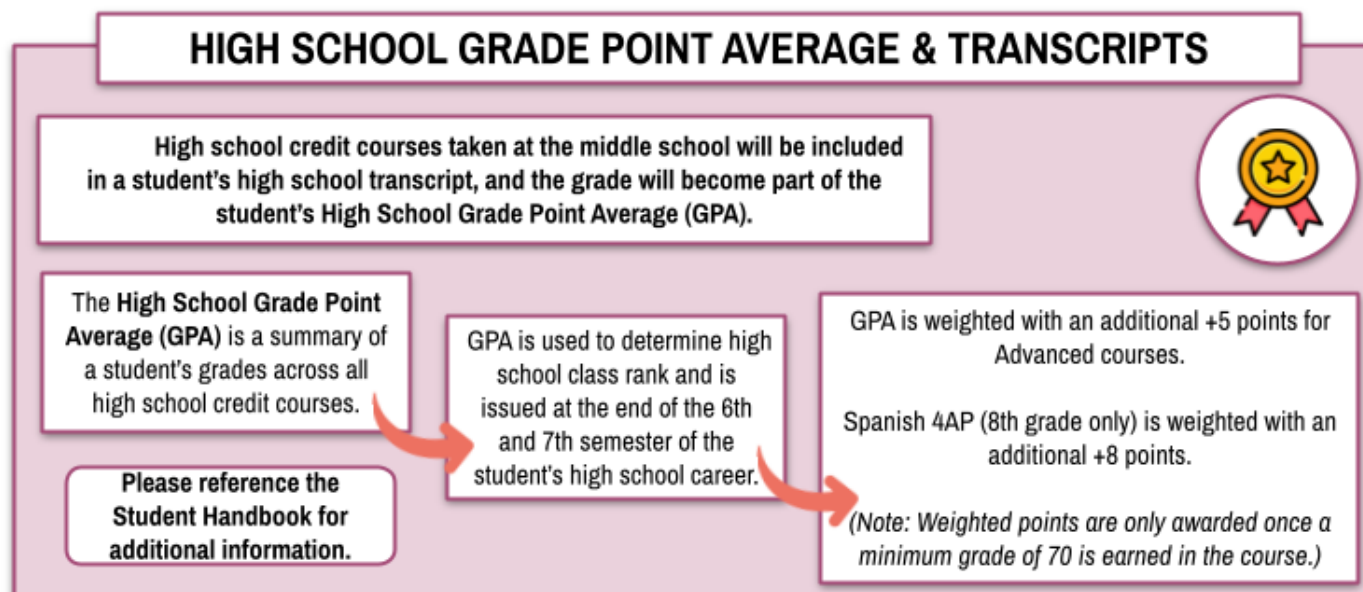
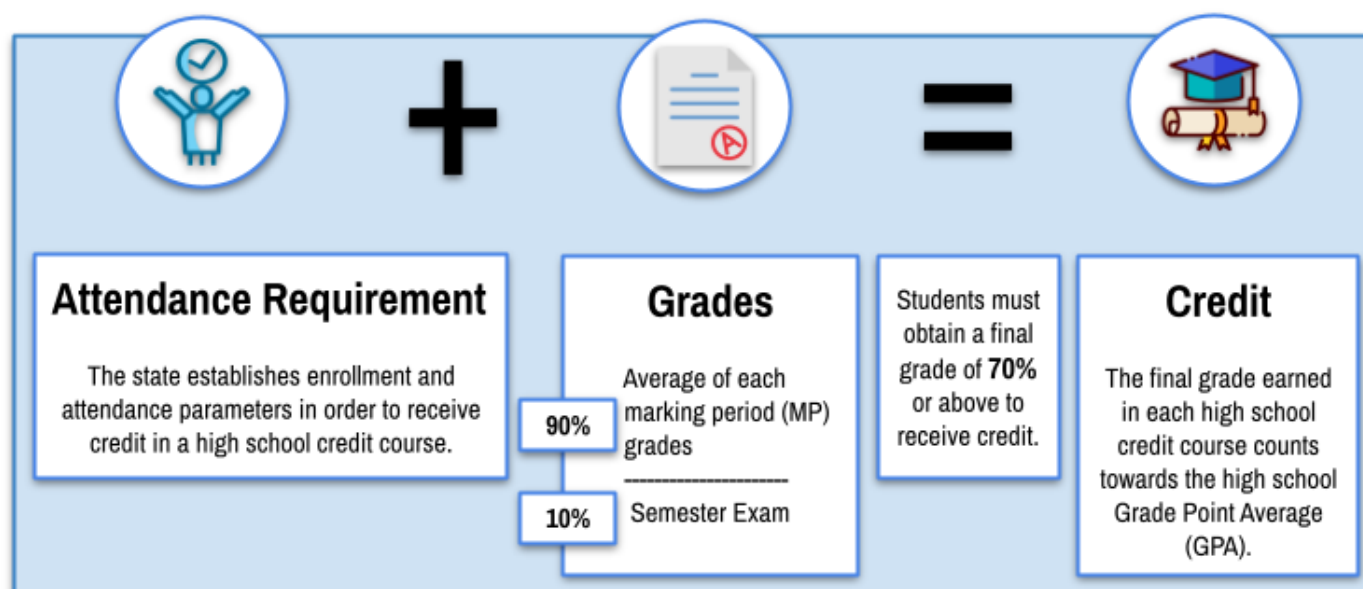
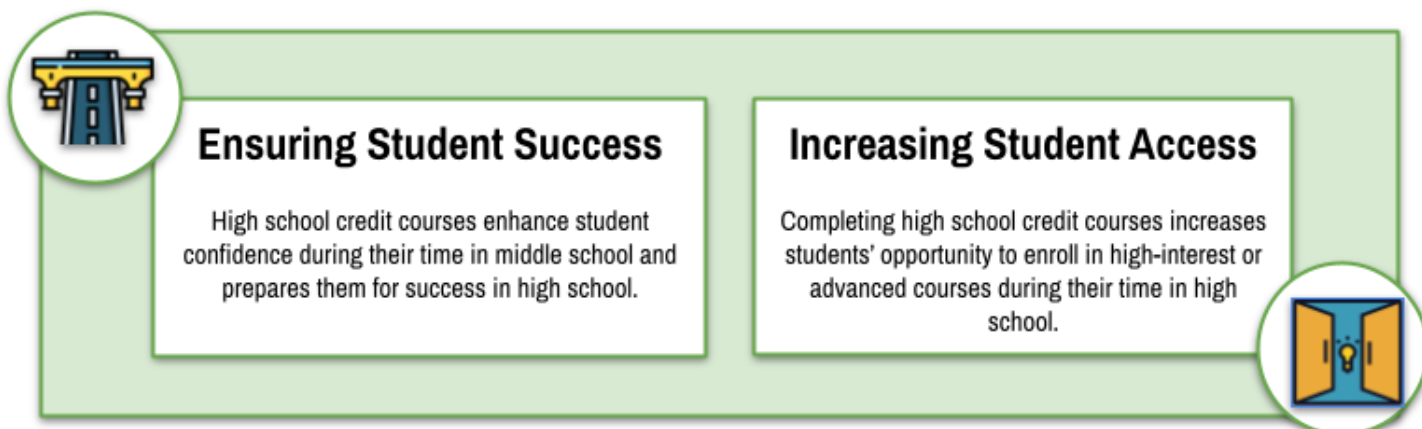
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GT Services at Middle School Magnet Schools

Identified GT students attending any of our **Middle School Magnets** will receive GT services through specialized magnet courses and curriculum. These courses and curriculum are designed to foster inquiry and challenge students to think critically, create, and conduct research to support their ideas and outcomes. All magnet courses are taught by teachers who have completed the state required GT training and will provide differentiated instruction to our GT students.

High School Credit Courses in Middle School



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High School Credit Courses in Middle School

SUPPORTING STUDENT SUCCESS



Attendance

If students exceed the allowable absences for a course, campuses offer attendance recovery opportunities before or after the school day for students to meet the attendance requirement.



Grades

Opportunities for additional academic support are available and encouraged. Please connect with your classroom teacher for assistance.

Repeating A Course For Strength

If a student earns a passing grade in a high school credit course, the student may retake the course for strength within one year (12 months) at a Northside ISD school.

Both grades are posted to the transcript, but only the highest grade is used for GPA calculation.

Retaking A Failed Course

For students who earn a failing grade in a high school credit course, the failing grade is posted on the high school transcript. When the student retakes the course, the grade will not replace the prior failed grade but will be shown as a separate grade and credit completion.

Both grades are used for GPA calculation.



ATTENDANCE REQUIREMENT

The state establishes enrollment and attendance parameters in order to receive credit in a high school credit course.

ALGEBRA I STAAR END-OF-COURSE (EOC) ASSESSMENT

Students in Advanced MS Algebra I are required to take the STAAR End-of-Course (EOC) test.



In Texas, passing both the Algebra course AND the EOC are graduation requirements.



The Algebra I EOC is not calculated into a student's marking period grade OR in the GPA.

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Advanced Pathways

Northside offers many advanced courses to middle school students. Participation in advanced academic courses is a foundation of college readiness. Students who participate in advanced coursework such as advanced, Advanced Placement (AP), and dual credit classes are more likely to complete a bachelor's degree in college and typically have higher grades in college.

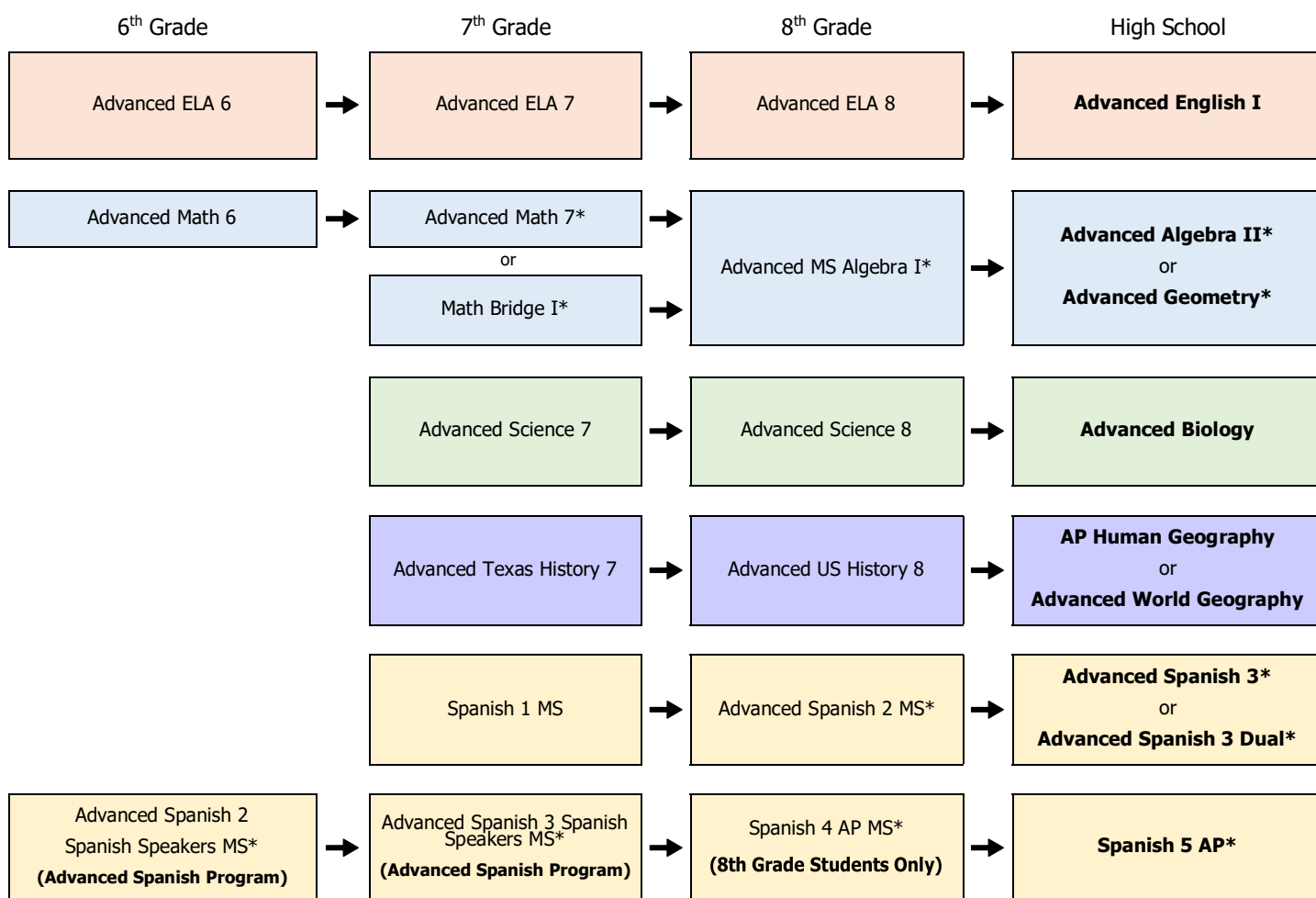
Northside ISD recognizes the value of student participation in rigorous academic coursework and encourages students to graduate from high school with at least one advanced academic course credit such as Advanced Placement. Our collective purpose is to ensure student success in middle school advanced courses and provide opportunities for higher levels of learning in future grades.

Advanced courses are intended to develop students' literacy, problem-solving skills, and analysis. These middle school classes are designed to challenge students through rigorous instruction and complex learning tasks in order to prepare them for success in future advanced classes, AP classes, dual credit classes, and college courses.

This chart summarizes the advanced academic course offerings for middle school students in Northside. These courses lay the foundation for a variety of high school courses.

* Prerequisite Required

High School courses in **BOLD** represent a typical 9th grade offering, but availability is determined by campus staffing.



A typical schedule* for a 9th grade Advanced student may include:

- Advanced English I
- Advanced Algebra II or Advanced Geometry
- Advanced Biology
- AP Human Geography or Advanced World Geography
- Advanced Spanish 3 or Advanced Spanish 3 Dual (for students wishing to continue enrollment in World Languages)

*All considerations should reflect individual student needs and goals.

NISD Comprehensive Middle Schools

Northside ISD is home to 21 comprehensive middle school campuses, each offering a wide range of academic and extracurricular opportunities for all students. Students in Northside participate in a wide variety of academic, athletic, and fine arts activities. Transportation is provided to eligible NISD students who apply and are admitted to a Magnet School.



Hobby Magnet School

Health Professions • Health Science • Healthcare

Hobby Magnet Middle School offers a unique program emphasizing health professions, health science and healthcare through hands-on experiences and cross-content Project Based Learning (PBL). The program aligns with Health Science programs at magnet and multiple comprehensive high schools throughout NISD. The Hobby Magnet School is housed on the Hobby Middle School campus and transportation is provided to eligible NISD students who apply and are admitted to the Hobby Magnet School.

[Click to View](#)



for more details about the Hobby Magnet School.



Jones Magnet School

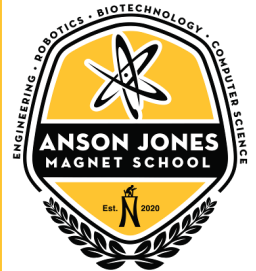
Engineering • Robotics • Biotechnology • Computer Science

Jones Magnet School offers a STEM-focused (Science, Technology, Engineering, and Math) program of study strongly aligned academically with John Jay Science and Engineering Academy. Unique Career and Technical Education (CTE) courses will provide students with extra opportunities to earn high school credits. The Jones Magnet School is housed on the Jones Middle School campus.

[Click to View](#)



for more details about the Jones Magnet School.



Jordan Magnet School

Multimedia and Design

The overall goal of student learning in Career and Technical Education multimedia clusters is to equip students with the technical skills, industry knowledge, and creative problem-solving abilities needed to excel in multimedia fields, while fostering effective communication, collaboration, and portfolio development to ensure career readiness and success in post-secondary education.

[Click to View](#)



for more details about the Jordan Magnet School.



Stinson Magnet School

Exercise Science and Sports Medicine

The overall goal of student learning in Career and Technical Education multimedia clusters is to equip students with the technical skills, industry knowledge, and creative problem-solving abilities needed to excel in multimedia fields, while fostering effective communication, collaboration, and portfolio development to ensure career readiness and success in post-secondary education.

[Click to View](#)



for more details about the Stinson Magnet School.



Zachry Magnet School

Global Communications • Cybersecurity • Information Technology

Zachry Magnet School prepares students with a global perspective of the community and the ever changing world of technology and cybersecurity. Students will earn high school credits in a core curriculum that is exclusive to Zachry Magnet school and aligned with the Career and Technology Education (CTE) courses in Global Communications, Cybersecurity, and Information Technology. Zachry Magnet School is housed on the Zachry Middle School campus.

[Click to View](#)



for more details about the Zachry Magnet School.



Northside Comprehensive Middle Schools

Rich Opportunities in Your Community



Northside ISD is home to 21 comprehensive middle school campuses. Each school serves its community, offering rich academic and extracurricular opportunities for all students.

Current Northside 5th grade students will register for classes in early spring with the help of counseling staff from the elementary and middle schools.

Current 6th and 7th grade students will register on campus in mid to late spring.

Families with questions about middle school courses or registration can contact the counseling office at any Northside middle school.

Bernal Middle School
(210) 398-1900

Briscoe Middle School
(210) 398-1100

Connally Middle School
(210) 397-1000

Folks Middle School
(210) 398-1600

Garcia Middle School
(210) 397-8400

Hobby Middle School
(210) 397-6300

Jefferson Middle School
(210) 397-3700

Jones Middle School
(210) 397-2100

Jordan Middle School
(210) 397-6150

Luna Middle School
(210) 397-5300

Neff Middle School
(210) 397-4100

Pease Middle School
(210) 397-2950

Rawlinson Middle School
(210) 397-4900

Rayburn Middle School
(210) 397-2150

Ross Middle School
(210) 397-6350

Rudder Middle School
(210) 397-5000

Stevenson Middle School
(210) 397-7300

Stinson Middle School
(210) 397-3600

Straus Middle School
(210) 398-2550

Vale Middle School
(210) 397-5700

Zachry Middle School
(210) 397-7400

Comprehensive Middle School Required Courses

6TH GRADE

Students will enroll in one course in each of the following content areas:

English Language Arts (ELA)
Math
World Cultures 6
Science
PE/Healthy Habits
Advisory

Students will select one Fine Arts elective course to fill the remainder of the school day.

Note: In place of Advisory, students may be enrolled in an additional class based on academic need.

7TH GRADE

Students will enroll in one course in each of the following content areas:

English Language Arts (ELA)
Math
Texas History 7
Science
PE or Athletics

Students will select elective courses to fill the remainder of the school day.

Note: In place of an elective, students may be enrolled in an intervention class based on academic need.

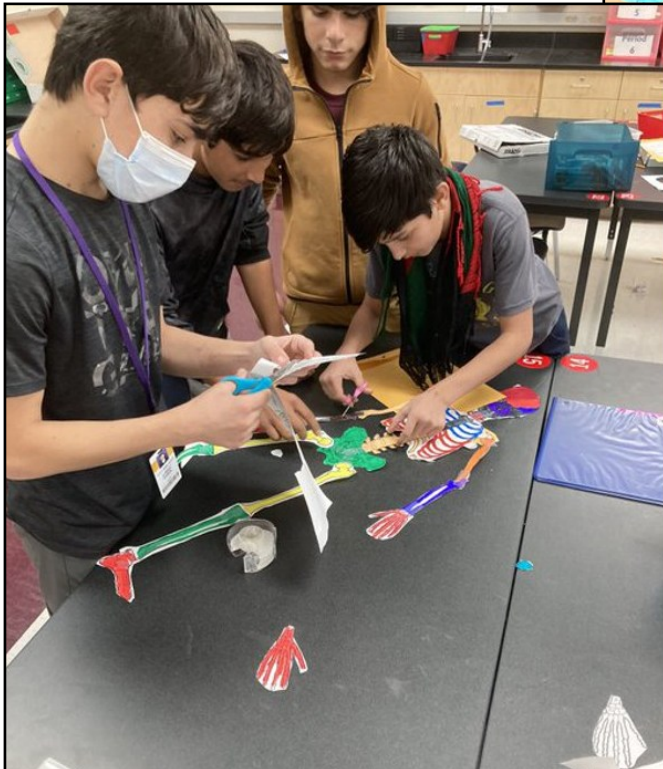
8TH GRADE

Students will enroll in one course in each of the following content areas:

English Language Arts (ELA)
Methodology for Academic & Personal Success (MAPS)*
Math
US History 8
Science
PE or Athletics

Students will select elective courses to fill the remainder of the school day.

Note: In place of an elective, students may be enrolled in an intervention class based on academic need.



Sixth Grade Required Courses

The courses listed in this section are available to current 5th grade students who are incoming 6th graders. Available programs will vary slightly by campus. Students will select one course in each of the required subject areas (ELA, Math, Science, Social Studies, PE, and Advisory).

6th REQUIRED COURSES

ENGLISH LANGUAGE ARTS (ELA)

ELA 6 (#1061)

Middle School English Language Arts is aligned with the Texas Essential Knowledge and Skills (TEKS). Strategies for listening, speaking, reading, writing, and thinking using multiple texts are integrated daily to create a literacy-rich classroom which promotes engaging, student-centered learning. Through the communication of ideas, orally and in writing, students continue to develop the knowledge and skills necessary to become independent readers, writers, and thinkers. The primary goals of this course are to cultivate independent learning, encourage in-depth inquiry, and exploration of the content, and develop the habits necessary for academic success.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Advanced ELA 6 (#1066)

This course is designed to prepare and motivate middle school students for Advanced and Advanced Placement (AP) courses in high school. This is in addition to the grade-level expectations of the Middle School English Language Arts classroom. Students have multiple opportunities to develop communication and analytical skills in an academically challenging course of study. As a preparation for Advanced Placement English courses in high school, this course adds a focus on literary analysis in reading, writing, and speaking.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

MATHEMATICS

Math 6 (#2060)

The purpose of this course is to provide a foundation for students to solve problems using numbers and operations, proportionality, expressions, equations, relationships, and measurement and data. The students will utilize process standards to weave knowledge and skills together to be successful problem solvers and use mathematics efficiently and effectively in daily life.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Advanced Math 6 (#2062)

Note: Select this course if you would like your student to enroll in Advanced Math Algebra I in 8th grade.

The primary focal areas in this course are numeracy, proportionality, expressions, equations, relationships, and data science. The students will utilize process standards to weave knowledge and skills together to be successful problem solvers and use mathematics efficiently and effectively in daily life. This course will build a foundation for the Advanced Math 7 course.

Students enrolled in this course will take STAAR Math 6. This course is designed to extend the 6th Math curriculum into aligned 7th grade TEKS, emphasizing complex problem solving through the lens of numbers and operations, proportionality, expressions, equations, relationships, and measurement and data. The students will utilize process standards to weave knowledge and skills together to be successful problem solvers and use mathematics efficiently and effectively in daily life. This course will build a foundation for the Advanced Math 7 course. Students enrolled in this course will take STAAR Math 6.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

SOCIAL STUDIES

World Cultures 6 (#4060)

In this course, students will study people, places, and societies of the contemporary world. In addition, they will study the influence of individuals and groups on historical and contemporary events in those societies, and identify the locations and geographic characteristics of various societies. Students will learn the different ways of organizing economic and governmental systems. They will study the concepts of limited and unlimited government, and describe the nature of citizenship in various societies. Students will compare institutions common to all societies such as government, education, and religious institutions. Students will also learn how the level of technology affects the development of various societies.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

SCIENCE

Science 6 (#3060)

In 6th grade Science, students investigate the natural world using scientific and engineering practices. Using appropriate tools and models, students conduct investigations to answer questions, explain phenomena, identify problems and design solutions. Students will study a variety of topics that include classification of elements, types of mixtures, density of fluids, evidence of chemical change, Newton's Third Law of Motion, energy (forms of potential energy, energy transformations, conservation of energy), cycles within Sun, Earth, and Moon systems (seasons, tides), organization of the geosphere (resource management), cells, organization of ecosystems, variation within organisms, and relationships/interactions between organisms including abiotic/biotic factors within an ecosystem.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

ADVISORY

Advisory (#9006)

This course supports students as they transition to middle school. Advisory is designed to develop student leadership and encourage students to develop intellectually and strive for personal excellence through goal setting, character education, and academic support.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

PE and Healthy Habits are required for all 6th grade students and may not be taken in isolation.

PHYSICAL EDUCATION

PE: Fitness and Team Sports 6 (#5068)

In sixth grade PE, students will gain awareness and understanding of the relationship between physical activity and health while developing the knowledge and skills for both team and individual sports. There will be options throughout this one semester course for non-competitive and competitive activities. Non-competitive activities include a variety of recreational and outdoor sports such as rock climbing, lacrosse, mountain biking, and activities that promote enjoyment and success. Competitive activities will enhance skills through various activities that will provide a preview for UIL sports such as football, volleyball and basketball.

All students receiving PE credit will take a fitness assessment to determine cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 1 HS Credit (CR): 0

HEALTHY HABITS

Healthy Habits (#5020)

Healthy Habits is a one-semester course designed to empower 6th grade students to maintain and improve their health and wellness by developing skills, attitudes, and knowledge necessary to improve quality of life. Students will learn the process of goal setting and decision making as well as interpersonal communication, self-management, and self-advocacy. Students will explore how behaviors influence their health and well-being and demonstrate skill application and acquire knowledge to build and maintain a healthy lifestyle.

Prerequisite (PR): None

Semesters: 1 HS Credit (CR): 0



GIFTED & TALENTED

Innovative Thinkers 1 (#9082)

This year-long dedicated GT course is developed especially for middle school gifted and talented students. The course includes opportunities to explore new ideas and novel approaches to challenges and problem based learning experiences in the following areas: STEAM (science, technology, engineering, arts, and math), Character Development, Public Speaking, Social/Emotional Learning, Research, Entrepreneurship, and Leadership. IT1 encompasses a focus on one's self and the impact students can make in our global society.

Prerequisite (PR): Identified NISD GT Student

Semesters: 2 HS Credit (CR): 0

Sixth Grade Electives

The courses listed in this section are available to current 5th grade students who are incoming 6th graders.

6th ELECTIVES

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

DANCE

Dance MS 1 (#6810)

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving students' technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

BAND

Beginner Band (#6017)

Band Beginner Level is designed to teach students how to play a woodwind, brass, or percussion instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Band concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

CHOIR

Beginner Treble (Girls) Choir (#6401)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Beginner Tenor/Bass (Boys) Choir (#6402)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

THEATRE

Beginner Theatre (#6609)

Beginning Theatre is an introductory theatre course designed for the student to experience the basic elements of drama. No previous theatre or drama experience is required. Beginning acting and technical theatre techniques will be explored along with the basic skills needed to create a theatrical performance.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

MARIACHI

Beginner Mariachi (#6083)

Music, Middle School 1, Instrumental Ensemble is available on only those campuses where district-approved mariachi programs are offered (Rayburn, Jones, Ross, Neff). This is a beginner level course for students to learn to play guitar, vihuela, and guitarrón only. Vocal, trumpet, and violin beginner students enroll in beginner choir, band, and orchestra classes. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Mariachi concerts allow students to develop live performance skills. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

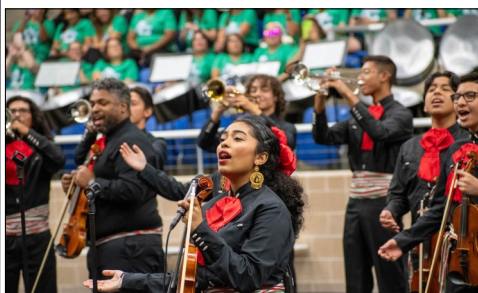
SPANISH—HS CREDIT (ADVANCED SPANISH PROGRAM ONLY)

Advanced Spanish 2

for Spanish Speakers MS (#5739) - HS Credit

This course is for students currently enrolled in the elementary Dual Language Program. It offers students opportunities to expand their knowledge of Spanish using unique materials and activities designed for Spanish speakers. Students will continue developing and refining their Spanish skills in speaking, listening, reading, and writing through an enriched curriculum concentrating on Hispanic culture, customs, heritage, and history.

Prerequisite (PR): Identified NISD Dual-Language student
Semesters: 2 HS Credit (CR): 1



AVID

AVID 6 (#9096)

Note: Students selected to enroll in AVID 6 must also enroll in at least one Advanced Academics course from the following list: Adv ELA 6, Advanced Math 6.

Advancement Via Individual Determination (AVID) is a College and Career Readiness Program offered in 6th through 12 grades. In AVID 6 students will develop an awareness of the values accompanying academic goals and success. The course will focus on building students' self-confidence and communication skills in working with peers and adults. Students will be exposed to reading strategies that will assist them in building vocabulary and understanding a variety of texts and will also focus on pre-writing techniques, summary writing, and structural components of note-taking.

Prerequisite (PR): Application and interview
Semesters: 2 HS Credit (CR): 0

ART

Beginner Art MS 1 (#6910)

Beginner Art MS 1 is concept-based. Curriculum units build student skills in drawing, painting, printmaking, three-dimensional art forms, fiber, and digital art. Content will include student originality and creativity.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

ORCHESTRA

Beginner Orchestra (#6079)

Orchestra Beginner Level is designed to teach students how to play a violin, viola, cello, or string bass instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Orchestra concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Orchestra for 5th Grade Strings Students

Note: Students who have successfully completed a 5th grade after-school string program may be eligible for placement in an intermediate orchestra class pending a review of the student's skill abilities by the middle school orchestra director. Parents should contact the middle school orchestra director immediately for an appointment.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Seventh Grade Required Courses

The courses listed in this section are available to current 6th grade students who are incoming 7th graders. Available programs will vary slightly by campus. Students will select one course in each of the required subject areas (ELA, Math, Science, Social Studies, and PE/Athletics).

ENGLISH LANGUAGE ARTS (ELA)

ELA 7 (#1071)

Middle School English Language Arts is aligned with the Texas Essential Knowledge and Skills (TEKS). Strategies for listening, speaking, reading, writing, and thinking using multiple texts are integrated daily to create a literacy-rich classroom which promotes engaging, student-centered learning. Through the communication of ideas, orally and in writing, students continue to develop the knowledge and skills necessary to become independent readers, writers, and thinkers. The primary goals of this course are to cultivate independent learning, encourage in-depth inquiry, and exploration of the content, and develop the habits necessary for academic success.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Advanced ELA 7 (#1076)

This course is designed to prepare and motivate middle school students for Advanced and Advanced Placement (AP) courses in high school. This is in addition to the grade-level expectations of the Middle School English Language Arts classroom. Students have multiple opportunities to develop communication and analytical skills in an academically challenging course of study. As a preparation for Advanced Placement English courses in high school, this course adds a focus on literary analysis in reading, writing, and speaking.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



GIFTED & TALENTED

Advanced ELA 7 GT and Innovative Thinkers 2 are only available to identified NISD GT students and may not be taken in isolation.

Advanced ELA 7 GT (#1077)

This course follows the framework of Advanced ELA 7 while integrating GT strategies such as depth and complexity, creative problem solving, and critical thinking.

Prerequisite (PR): Identified NISD GT Student

Semesters: 2 HS Credit (CR): 0

Innovative Thinkers 2 (#9083)

This year-long dedicated GT course is developed especially for middle school gifted and talented students. This course includes opportunities to explore new ideas and novel approaches to challenges and problem based learning experiences in the following areas: STEAM (science, technology, engineering, arts, and math), Character Development, Public Speaking, Social/Emotional Learning, Research, Entrepreneurship, Community Impact, and Leadership. IT2 encompasses a focus on one's self and how students can make a difference in their local communities.

Prerequisite (PR): Identified NISD GT Student

Semesters: 2 HS Credit (CR): 0

MATHEMATICS

Math 7 (#2070)

This course builds on student understanding of numbers and operations, proportionality, expressions, equations, relationships, and measurement and data. Students will utilize process standards to weave knowledge and skills together to be successful problem solvers and use mathematics efficiently and effectively in daily life.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Advanced Math 7 (#2072)

The primary focal areas in this course are numeracy, proportionality, expressions, equations, relationships, and data science. Students will utilize process standards to weave knowledge and skills together to be successful problem solvers and use mathematics efficiently and effectively in daily life. This course will build a foundation for the Advanced Math Algebra I course. **Students enrolled in this course will take STAAR Math 7.**

Prerequisite (PR): Advanced Math 6

Semesters: 2 HS Credit (CR): 0

Math Bridge I is a course designed for 7th-grade students who want to take Advanced Math Algebra I (high school credit course) in 8th grade and who are NOT currently enrolled in Advanced Math 6. This class is a 90-minute class that will fulfill the math requirement and will take the place of ONE elective.

Math Bridge I (#2083)

This course integrates the Advanced Math 6 and Advanced Math 7 curriculum with an emphasis on complex problem solving through the lens of numeracy, proportionality, expressions, equations, and relationships, and data science. Students use concepts, algorithms, and properties of real numbers to explore mathematical relationships and to describe increasingly complex situations. Students will utilize process standards to weave knowledge and skills together to be successful problem solvers and use mathematics efficiently and effectively in daily life. This course will build a foundation for the Advanced Math Algebra I course. **Students enrolled in this course will take STAAR Math 7.**

Prerequisite (PR): Math 6

Semesters: 2 HS Credit (CR): 0

ATHLETICS

Athletics Boys 7 (#5072)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Athletics Girls 7 (#5076)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

7th

REQUIRED COURSES

PHYSICAL EDUCATION

PE: Movement for Lifelong Fitness 7 (#5070)

In seventh grade PE, students will learn to apply movement concepts to a variety of activities such as spinning, recreational volleyball, and soccer. Students will also be exposed to a variety of recreational and lifetime sports such as circuit and fitness training, archery, and mountain biking. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Middle School Dance may be taken as an elective, or as a fulfillment of the PE requirement.

Students who wish to use MS Dance as an elective, should NOT enroll in this course, but should rather enroll in Dance MS 1 (#6810) or Dance MS 2 (#6820).

Students who wish to use MS Dance to fulfill the PE requirement should enroll in Dance MS 1 PE (#5091) or Dance MS 2 PE (#5092) listed below. These students must also choose electives.

Note: These courses meet the middle school Physical Education requirements. To take these course as electives only, see the course listing.

Dance MS 1 PE (#5091)

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving students' technique, self-confidence, creative ability and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Dance MS 2 PE (#5092)

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving students' technique, self-confidence, creative ability and concept of wellness. Dance students will have ensemble performance opportunities. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): Dance MS 1 or Dance MS 1 PE

Semesters: 2 HS Credit (CR): 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Seventh Grade Required Courses

The courses listed in this section are available to current 6th grade students who are incoming 7th graders. Available programs will vary slightly by campus. Students will select one course in each of the required subject areas (ELA, Math, Science, Social Studies, and PE/Athletics).

7th

REQUIRED COURSES

SOCIAL STUDIES

Texas History 7 (#4070)

In 7th grade Texas History, students study the history of Texas from early times to the present. Students will learn about the regions of Texas and the distribution of population within and among the regions. They will also study the factors that caused Texas to change from an agrarian to an urban society. Students will learn about the structure and functions of municipal, county, and state governments, explain the influence of the U.S. Constitution on the Texas Constitution, and examine the rights and responsibilities of Texas citizens.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Advanced Texas History 7 (#4071)

In 7th grade Texas History, students study the history of Texas from early times to the present. Students will learn about the regions of Texas and the distribution of population within and among the regions. They will also study the factors that caused Texas to change from an agrarian to an urban society. Students will learn about the structure and functions of municipal, county, and state governments, explain the influence of the U.S. Constitution on the Texas Constitution, and examine the rights and responsibilities of Texas citizens. *Students enrolled in Advanced courses should expect a more rigorous class, faster pace, more in-depth classroom discussions, intensified vocabulary, an increased amount of reading and writing assignments, and the need for effective time management.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

SCIENCE

Science 7 (#3070)

In 7th grade Science, students investigate the natural world using scientific and engineering practices. Using appropriate tools and models, students conduct investigations to answer questions, explain phenomena, identify problems and design solutions. Students will study a variety of topics that include investigation of elements and compounds, exploration of aqueous solutions, forces (impact on linear motion), Newton's First Law of Motion, average kinetic energy (temperature), transfer of thermal energy (conduction, convection, radiation), solar system (components and organization), role of gravity, characteristics of Earth that allow life to exist, Earth's changing features (tectonic movement), human affect and dependence on the hydrosphere, main functions of organs, inherited traits, natural/artificial selection, flow of energy through trophic levels, biodiversity and sustainability, and taxonomic classifications.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Advanced Science 7 (#3071)

In 7th grade Science, students investigate the natural world using scientific and engineering practices. Using appropriate tools and models, students conduct investigations to answer questions, explain phenomena, identify problems and design solutions. Students will study a variety of topics that include investigation of elements and compounds, exploration of aqueous solutions, forces (impact on linear motion), Newton's First Law of Motion, average kinetic energy (temperature), transfer of thermal energy (conduction, convection, radiation), solar system (components and organization), role of gravity, characteristics of Earth that allow life to exist, Earth's changing features (tectonic movement), human affect and dependence on the hydrosphere, main functions of organs, inherited traits, natural/artificial selection, flow of energy through trophic levels, biodiversity and sustainability, and taxonomic classifications. Required components of an Advanced Course include observations, analysis of data in the form of text and images, evidence-based writing, higher-order questioning, and academic conversation.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



**Northside Independent
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Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Seventh Grade Electives

The courses listed in this section are available to current 6th grade students who are incoming 7th graders.

7th ELECTIVES

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

ORCHESTRA

Beginner Orchestra (#6079)

Orchestra Beginner Level is designed to teach students how to play a violin, viola, cello, or string bass instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Orchestra concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 *HS Credit (CR):* 0

Intermediate Orchestra (#6086)

Orchestra Intermediate Level is designed for students to continue developing music fundamentals on violin, viola, cello, and string bass instruments introduced in the beginner level class. Orchestra literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem-solving skills. Orchestra concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Orchestra

Semesters: 2 *HS Credit (CR):* 0

Advanced Orchestra (#6089)

Orchestra Advanced Level is designed for students to apply strong music fundamentals on violin, viola, cello, and string bass instruments to music of all styles. Students build skills at their own pace. Orchestra literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Orchestra concerts are extensive. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Orchestra

Semesters: 2 *HS Credit (CR):* 0

Chamber Ensemble 1 (#6087)

This course is designed for string students at an intermediate or advanced level to explore various applications of string performance in "non-traditional" ensembles and literature. Students connect unique string applications to various cultures and music genres. Student inquiry, exploration, and innovation is developed. Students participating in this course are concurrently enrolled in choir class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Intermediate or Advanced Orchestra

Semesters: 2 *HS Credit (CR):* 0

BAND

Beginner Band (#6017)

Band Beginner Level is designed to teach students how to play a woodwind, brass, or percussion instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Band concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 *HS Credit (CR):* 0

Intermediate Band 2 (#6024)

Band Intermediate Level is designed for students to continue developing music fundamentals on woodwind, brass, and percussion instruments introduced in the beginner level class. Students build skills at their own pace. Band literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem solving skills. Band concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Band

Semesters: 2 *HS Credit (CR):* 0

Jazz Band 1 (#6081)

This course is designed for intermediate or advanced level students interested in an enrichment opportunity to learn how to play jazz literature. All jazz styles and genres of music are explored and an introduction to improvisation is provided. No prior knowledge of jazz is required. Students participating in this course are concurrently enrolled in band class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Intermediate or Advanced Band

Semesters: 2 *HS Credit (CR):* 0

Band Cultural Ensemble 1 (#6018)

This course is designed as an enrichment opportunity for intermediate or advanced level music students to study and perform in "non-traditional" ensembles other than jazz. World cultures and music applications in steel drums and "world drumming groups" are included in this course.

Prerequisite (PR): Concurrent Enrollment in Intermediate or Advanced Band

Semesters: 2 *HS Credit (CR):* 0

MARIACHI

Beginner Mariachi (#6083)

Music, Middle School 1, Instrumental Ensemble is available on only those campuses where district-approved mariachi programs are offered (Rayburn, Jones, Ross, Neff). This is a beginner level course for students to learn to play guitar, vihuela, and guitarrón only. Vocal, trumpet, and violin beginner students enroll in beginner choir, band, and orchestra classes. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Mariachi concerts allow students to develop live performance skills. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 *HS Credit (CR):* 0

Intermediate Mariachi (#6084)

This course is designed for students to build upon the mariachi fundamentals acquired previously. The course is available at Ross, Jones, Neff, and Rayburn only. Students will increase technical, musical, and expressive elements needed to perform more challenging literature in a variety of mariachi styles. This course is for intermediate level guitar, vihuela, guitarrón, vocal, trumpet, and violin students. Trumpet, violin, and vocal students should be concurrently enrolled in band, orchestra, or choir in order to continue detailed development of sound music fundamentals. Guitar, vihuela, and guitarrón students will receive this instruction during their class periods and may not be concurrently enrolled in another music class. Mariachi concerts are extensive and students earn awards for individual outstanding skill mastery.

Prerequisite (PR): Beginner Mariachi

Semesters: 2 *HS Credit (CR):* 0

Advanced Mariachi (#6085)

This course is designed for advanced music students to develop extensive performance skills in mariachi literature. The course is available at Ross, Jones, Neff, and Rayburn only. Performance opportunities are extensive and promote strong understanding of collaboration, expression, and creativity required for stage performance. Trumpet, violin, and vocal students should be concurrently enrolled in band, orchestra, or choir in order to continue detailed development of sound music fundamentals. Guitar, vihuela, and guitarrón students will receive this instruction during their class periods and may not be concurrently enrolled in another music class. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Mariachi

Semesters: 2 *HS Credit (CR):* 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Seventh Grade Electives

The courses listed in this section are available to current 6th grade students who are incoming 7th graders.

7th ELECTIVES

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

CHOIR

Beginner Treble (Girls) Choir (#6401)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Beginner Tenor/Bass (Boys) Choir (#6402)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Treble (Girls) Choir (#6411)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Treble Choir
Semesters: 2 HS Credit (CR): 0

Intermediate Tenor/Bass (Boys) Choir (#6412)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

Vocal Ensemble 1 (#6404)

This course is designed for students interested in exploring various "non-traditional" or diverse styles of vocal music in smaller ensemble settings such as vocal jazz ensembles, madrigals, and show choirs. Concerts are varied and extensive to allow students opportunities to develop stage performance skills. Students participating in this course are concurrently enrolled in choir class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Intermediate or Advanced Treble or Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

DANCE

Middle School Dance may be taken as an elective or as a fulfillment of the PE requirement.

Students who wish to use Dance to fulfill the PE requirement should NOT enroll in this course, but should rather enroll in Dance MS 1 PE (#5091) or Dance MS 2 PE (#5092).

Students who wish to use Dance as an elective should enroll in the courses listed below.

Note: These courses serve as an elective only. To take these courses as a substitute for PE, see the course listing.

Dance MS 1 (#6810)

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Dance MS 2 (#6820)

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities.

Prerequisite (PR): Dance MS 1 or Dance MS 1 PE
Semesters: 2 HS Credit (CR): 0

ART

Beginner Art MS 1 (#6910)

Beginner Art MS 1 is concept-based. Curriculum units build student skills in drawing, painting, printmaking, fiber art, three-dimensional art forms, and digital art. Content will include student originality and creativity.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Art MS 2 (#6911)

Intermediate Art MS 2 is concept-based and curriculum units build student skills developed in Beginner Art 1. Curriculum includes drawing, painting, printmaking, fiber art, three-dimensional art forms, and digital art. Development of artistic originality, creativity, and study of artists and art periods is incorporated.

Prerequisite (PR): Beginner Art MS 1
Semesters: 2 HS Credit (CR): 0

MUSICAL THEATER

Musical Theater 1 (#6091)

Students will explore the many facets of Musical Theatre through the workshop process with performance opportunities and research. The course will also provide an opportunity for students to explore the varied disciplines of musical theater. Through performing, viewing, and analyzing musical theater productions, students will have an understanding of what makes an effective musical performance while developing acting, vocal, and dance skills.

Prerequisite (PR): Beginning Art, Dance I, Beginning Theater, Beginning Treble Choir or Beginning Tenor Bass
Semesters: 2 HS Credit (CR): 0



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Seventh Grade Electives

The courses listed in this section are available to current 6th grade students who are incoming 7th graders.

7th ELECTIVES

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

SPANISH-HS CREDIT

Spanish 1 MS (#5714) - HS Credit

This course focuses on developing speaking and listening comprehension skills. Students are exposed to basic reading and writing skills. Students are introduced to the people, their customs, and other aspects of the culture. Students have the opportunity to work in pairs and small groups to role play real-life situations using the target language.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 1

Spanish 2 MS (#5715) - HS Credit

This course continues to focus on opportunities for students to expand their speaking and listening comprehension skills and develop their reading comprehension and writing skills. Students continue to study the culture, the people, and their customs. Students will continue to role play and perform dialogues and skits in various everyday situations and topics using the target language.

Prerequisite (PR): 70 or higher in Spanish 1, or 80 or higher on the Credit-by-Exam.

Semesters: 2 HS Credit (CR): 1

Advanced Spanish 2 MS (#5732) - HS Credit

This course exceeds the Level 2 requirements by including many independent activities requiring performance in the target language. The students will continue to refine the four modes of communication by being exposed to an enriched and accelerated curriculum.

Prerequisite (PR): Recommended 90 or higher in Spanish 1, or 90 or higher on the Credit-by-Exam.

Semesters: 2 HS Credit (CR): 1

Advanced Spanish 3 MS (#5742) - HS Credit

Students continue to work towards proficiency in speaking and listening comprehension. The study of some condensed literary works will incorporate the development of reading comprehension and writing skills. Culture topics are integrated throughout the curriculum. Students will do independent, paired, and group work to allow for more creativity and the use of higher-order thinking skills.

Prerequisite (PR): Recommended 80 or better in Advanced Spanish 2 or a 90 or better in Spanish 2 Regular; or a 90 or better on the Credit-by-Exam.

Semesters: 2 HS Credit (CR): 1

Advanced Spanish 3 for Spanish Speakers MS (#5749) - HS Credit

Note: Available only at campuses that offer the Advanced Spanish Program..

This course is for students who understand and speak Spanish at the intermediate-high level. Students continue to work towards proficiency in speaking and listening comprehension. Students continue to expand their reading comprehension and writing skills. Cultured topics are integrated throughout the curriculum.

Prerequisite (PR): Advanced Spanish 2 Spanish Speakers MS

Semesters: 2 HS Credit (CR): 1

JOURNALISM

Journalism/Yearbook (#1702)

This course provides the study of current print and digital trends in yearbook design, layout, and publishing in order to develop and produce the school yearbook. Coursework includes gathering and analyzing information, photography, and specialized writing.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Journalism (#1700)

This course is designed to introduce students to mass media, advertising, marketing, and photography. Students study the basic features of journalism and newspaper and/or yearbook production, freedom and responsibility of the press, career opportunities in mass communications, and specialized writing.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

AVID

AVID 7 (#9097)

Note: Students selected to enroll in AVID 7 must also enroll in at least one Advanced Academics course from the following list: Adv ELA 7, Advanced Math 7 or Math Bridge 1, Adv Science 7, Adv Texas History 7.

Advancement Via Individual Determination (AVID) is a College and Career Readiness Program offered in 6th through 12 grades. In AVID 7 students build upon the foundational components of the AVID College Readiness Program. Students will refine short- and long-term goals and, as a result, begin to understand the value in taking charge of their actions. Students will take an active role in their learning, understanding the roles of all members in assignments and collaborative lessons. Students will complete self-evaluations and peer evaluations related to reading, writing, organization, and speaking. They will expand their knowledge base regarding note-taking in relation to studying and test preparation.

Prerequisite (PR): Application and interview

Semesters: 2 HS Credit (CR): 0

THEATRE

Beginner Theatre (#6609)

Beginning Theatre is an introductory theatre course designed for the student to experience the basic elements of drama. No previous theatre or drama experience is required. Beginning acting and technical theatre techniques will be explored along with the basic skills needed to create a theatrical performance.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Intermediate Theatre (#6610)

Intermediate Theatre is a more in-depth study of theatre where students continue to build upon skills learned in Theatre 1. Students are introduced to additional skills that are necessary to become a theatre artist. Dramatic structure, acting, and technical elements are expanded in both production and scene studies.

Prerequisite (PR): Beginner Theatre

Semesters: 2 HS Credit (CR): 0



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Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Seventh Grade Electives

The courses listed in this section are available to current 6th grade students who are incoming 7th graders.

7th

ELECTIVES

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

CAREER & TECHNICAL EDUCATION



Business Management & Administration • Education & Training • Finance • Health Science • Human Services • Marketing • Agriculture, Food, & Natural Resources

PBS Future Lab 7/8 (#8800)

(Public & Business Services Related Careers)

This is a lab- and project-based course in which students will participate in experiences that model real-world industries. The goal of this course is to create a foundation for success in high school, future studies, and careers in Business, Industry, and Public Service. Career and Technical Education clusters addressed include **Agriculture, Business/Finance, Culinary, Education, Fashion, Health Science, and Marketing**. Students will research labor market information, learn job-seeking skills, and practice professional communication skills. Career and Technical Education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



Arts, A/V Technology & Communications • Information Technology • Law, Public Safety, Corrections & Security • Manufacturing • Science, Technology, Engineering & Mathematics • Transportation, Distribution & Logistics • Architecture & Construction

STEM Future Lab 7/8 (#8810)

(Science, Technology, Engineering, and Math Related Careers)

This is a lab- and project-based course in which students will participate in experiences that model real-world industries. The goal of this course is to create a foundation for success in high school, future studies, and careers in Science, Technology, Engineering, and Math. Career and Technical Education clusters addressed include **Architecture, Arts & Audio Video, Construction, Engineering, Information Technology (Cyber), Law (Forensics), Manufacturing, and Transportation (Automotive)**. Students will research labor market information, learn job-seeking skills, and practice professional communication skills. Career and Technical Education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered at the end of each semester (Fall and Spring) counting for 10% of the semester average.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Eighth Grade Required Courses

The courses listed in this section are available to current 7th grade students who are incoming 8th graders. Available programs will vary slightly by campus. Students will select one course in each of the required subject areas (ELA, Math, Science, Social Studies, and PE/Athletics).



ENGLISH LANGUAGE ARTS (ELA)

ELA 8 (#1084)

Middle School English Language Arts is aligned with the Texas Essential Knowledge and Skills (TEKS). Strategies for listening, speaking, reading, writing, and thinking using multiple texts are integrated daily to create a literacy-rich classroom which promotes engaging, student-centered learning. Through the communication of ideas, orally and in writing, students continue to develop the knowledge and skills necessary to become independent readers, writers, and thinkers. The primary goals of this course are to cultivate independent learning, encourage in-depth inquiry and exploration of the content, and develop the habits necessary for academic success.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Advanced ELA 8 (#1087)

This course is designed to prepare and motivate middle school students for Advanced and Advanced Placement (AP) courses in high school. This is in addition to the grade-level expectations of the Middle School English Language Arts classroom. Students have multiple opportunities to develop communication and analytical skills in an academically challenging course of study. As a preparation for Advanced Placement English courses in high school, this course adds a focus on literary analysis in reading, writing, and speaking.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0



**Northside Independent
School District**

Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered at the end of each semester (Fall and Spring) counting for 10% of the semester average.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

SOCIAL STUDIES

US History 8 (#4080)

This course studies U.S. History from the early colonial period through Reconstruction. Students will learn about the physical characteristics of the U.S. and their impact on population distribution and settlement patterns in the past. Also, students will analyze economic factors that influenced the development of colonial America and the early years of the republic, as well as examine American beliefs and principles, including limited government, checks and balances, federalism, separation of powers, and individual rights. Students will evaluate the impact of Supreme Court cases and major reform movements of the 19th century.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Advanced US History 8 (#4081)

This course studies U.S. History from the early colonial period through Reconstruction. Students will learn about the physical characteristics of the U.S. and their impact on population distribution and settlement patterns in the past. Also, students will analyze economic factors that influenced the development of colonial America and the early years of the republic, as well as examine American beliefs and principles, including limited government, checks and balances, federalism, separation of powers, and individual rights. Students will evaluate the impact of Supreme Court cases and major reform movements of the 19th century. *Students enrolled in Advanced courses should expect a more rigorous class, faster pace, more in-depth classroom discussions, intensified vocabulary, an increased amount of reading and writing assignments, and the need for effective time management.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

MATHEMATICS

Pre-Algebra (#2080)

The purpose of this course is to provide a foundation for students to solve problems using proportionality; expressions, equations, relationships, and foundations of functions; and measurement and data. The students will utilize process standards to weave knowledge and skills together to be successful problem solvers and use mathematics efficiently and effectively in daily life.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Advanced MS Algebra I (#2121) - HS Credit

This course extends students' foundational knowledge of linear relationships to a comprehensive study of linear, quadratic, and exponential functions and their applications. Students will use technology to explore data, analyze statistical relationships, and master related concepts, including polynomials, systems of equations, and sequences. The students will utilize process standards to weave knowledge and skills together to be successful problem solvers and use mathematics efficiently and effectively in daily life. This advanced course is a GPA-weighted course that emphasizes complex problem-solving to prepare students for upcoming Advanced and AP coursework.

Students enrolled in this course will take STAAR Algebra EOC.

Prerequisite (PR): Pre-Algebra or its equivalent
Semesters: 2 HS Credit (CR): 1

SCIENCE

Science 8 (#3080)

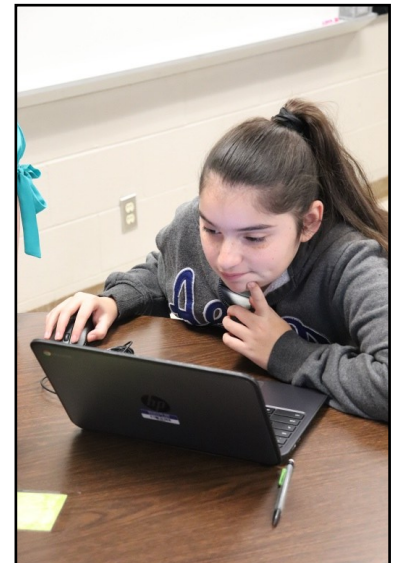
In 8th grade Science, students investigate the natural world using scientific and engineering practices. Using appropriate tools and models, students conduct investigations to answer questions, explain phenomena, identify problems and design solutions. Students will study a variety of topics that include classification of matter (properties of water, acids, basis), chemical reactions, conservation of mass, Newton's three Laws of Motion, characteristics of transverse waves, use of electromagnetic waves, origin of the universe, life cycle of stars, classification of stars, categorization of galaxies, weather patterns and climate change, carbon cycle, function of organelles, inherited traits, adaptations, transfer of energy within a food web, ecological succession, and biodiversity within an ecosystem.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Advanced Science 8 (#3081)

In 8th grade Science, students investigate the natural world using scientific and engineering practices. Using appropriate tools and models, students conduct investigations to answer questions, explain phenomena, identify problems and design solutions. Students will study a variety of topics that include classification of matter (properties of water, acids, basis), chemical reactions, conservation of mass, Newton's three Laws of Motion, characteristics of transverse waves, use of electromagnetic waves, origin of the universe, life cycle of stars, classification of stars, categorization of galaxies, weather patterns and climate change, carbon cycle, function of organelles, inherited traits, adaptations, transfer of energy within a food web, ecological succession, and biodiversity within an ecosystem. Required components of an Advanced Course include observations, analysis of data in the form of text and images, evidence-based writing, higher-order questioning, and academic conversation.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0



Eighth Grade Required Courses

The courses listed in this section are available to current 7th grade students who are incoming 8th graders. Available programs will vary slightly by campus. Students will select one course in each of the required subject areas (ELA, Math, Science, Social Studies, and PE/Athletics).

8th

REQUIRED COURSES

HIGH SCHOOL PATHWAY AND STUDENT LEADERSHIP

Students will enroll in one of these three high school credit options.

METHODOLOGY FOR ACADEMIC AND PERSONAL SUCCESS (MAPS) & COMMUNICATION APPLICATIONS -HS CREDIT

Methodology for Academic and Personal Success — MAPS A (0.5 HS credit) & MAPS B (0.5 HS credit) may not be taken in isolation and are required for all 8th grade students. Exceptions are students in the AVID program and identified GT students enrolled in Innovative Thinkers 3.

Methodology for Academic and Personal Success
MAPS A (#9002)
MAPS B (#9002B)

Note: This course satisfies an elective requirement for high school graduation and meets the speech requirement for NISD graduation

This course supports a successful transition into high school by developing the skills necessary for a successful academic career. Students will develop specific strategies to achieve personal and professional goals. Based on individual learning styles and interests, students will develop critical time-management, organization, and study skills, with a focus on character education and leadership.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 1

AVID-HS CREDIT

AVID 1 (#9053)
AVID 1 (#9055)

Note: Students selected to enroll in AVID 1 must also enroll in at least one Advanced Academics course from the following list: Adv ELA 8, Adv MS Algebra I, Adv Science 8, Adv US History 8.

Advancement Via Individual Determination (AVID) is a College and Career Readiness Program offered in 6th through 12 grades. In AVID 1 students will focus on high school preparation. Students will regularly exhibit and utilize the skills and strategies learned in the AVID 6 and AVID 7. They will refine previous goals, focusing on their transition to high school as part of a college-preparatory path. Students will transition from active learners to leaders. Other areas of focus include increasing the use of technology and building upon test-preparation and test-taking knowledge. Students will broaden their experience with analyzing text and utilizing appropriate reading strategies in various settings.

Prerequisite (PR): Application and interview
Semesters: 2 HS Credit (CR): 1



Gifted & Talented
advanced academics

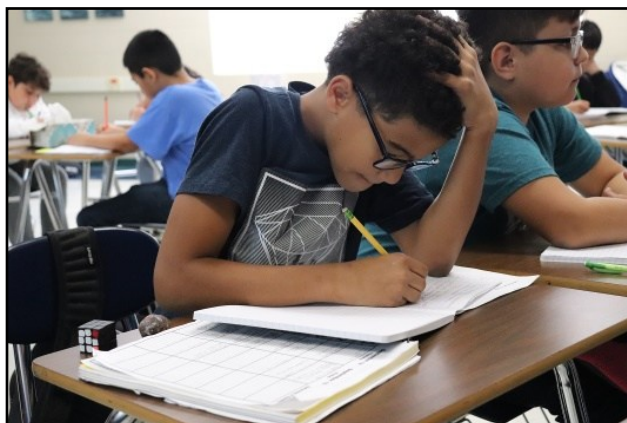
GIFTED & TALENTED-HS CREDIT

Innovative Thinkers 3 (#9084) - HS Credit

Note: This course is only available to identified NISD GT students and serves as a substitute for Methodology for Academic and Personal Success (MAPS). Students who successfully complete Innovative Thinkers 3 will fulfill the NISD Speech requirement for high school graduation.

This year-long dedicated GT course is developed especially for middle school gifted and talented students. This course includes opportunities to explore new ideas and novel approaches to challenges and problem based learning experiences in the following areas: STEAM (science, technology, engineering, arts, and math), Character Development, Public Speaking, Social/Emotional Learning, Research, Entrepreneurship, Community Impact, and Leadership. IT3 encompasses a focus on one's self and how students can integrate Depth & Complexity and other Skills into their daily lives. This course is a High School Credit course that will also allow students to meet their speech requirement for graduation.

Prerequisite (PR): Identified NISD GT Student
Semesters: 2 HS Credit (CR): 1



Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered at the end of each semester (Fall and Spring) counting for 10% of the semester average.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Eighth Grade Electives

The courses listed in this section are available to current 7th grade students who are incoming 8th graders.

8th

REQUIRED COURSES

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

PHYSICAL EDUCATION

PE: Lifetime Activity and Wellness 8 (#5080)

In eighth grade PE, students will be exposed to activities that support being physically active for a lifetime. Activities such as yoga, Pilates, archery, tennis, and golf will be taught. Students will also be exposed to cardio fitness training and a variety of recreational and outdoor sports. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

ATHLETICS

Athletics Boys 8 (#5085)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Athletics Girls 8 (#5086)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

DANCE

Middle School Dance may be taken as an elective, or as a fulfillment of the PE requirement.

Students who wish to use Dance as an elective, should NOT enroll in this course, but should rather enroll in Dance MS 1 (#6810), Dance MS 2 (#6820), or Dance MS 3 (#6830)

Students who wish to use Dance to fulfill the PE requirement should enroll in Dance MS 1 PE (#5091), Dance MS 2 PE (#5092), or Dance MS 3 PE (#5093) listed below. These students must also choose an elective.

Note: These courses meet the middle school Physical Education requirements. To take these courses as electives only, see the course listing.

Dance MS 1 PE (#5091)

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Dance MS 2 PE (#5092)

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): Dance MS 1 or Dance MS 1 PE
Semesters: 2 HS Credit (CR): 0

Dance MS 3 PE (#5093)

The third of three sequential dance courses, Dance MS 3 is designed to give students the opportunity to develop and execute advance skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): Dance MS 2 or Dance MS 2 PE
Semesters: 2 HS Credit (CR): 0



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Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Eighth Grade Electives

The courses listed in this section are available to current 7th grade students who are incoming 8th graders.

8th ELECTIVES

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

ORCHESTRA

Beginner Orchestra (#6079)

Orchestra Beginner Level is designed to teach students how to play a violin, viola, cello, or string bass instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Orchestra concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Intermediate Orchestra (#6086)

Orchestra Intermediate Level is designed for students to continue developing music fundamentals on violin, viola, cello, and string bass instruments introduced in the beginner level class. Orchestra literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem-solving skills. Orchestra concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Orchestra

Semesters: 2 HS Credit (CR): 0

Advanced Orchestra (#6089)

Orchestra Advanced Level is designed for students to apply strong music fundamentals on violin, viola, cello, and string bass instruments to music of all styles. Students build skills at their own pace. Orchestra literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Orchestra concerts are extensive. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Orchestra

Semesters: 2 HS Credit (CR): 0

Chamber Ensemble 1 (#6087)

This course is designed for Intermediate level and advanced level string students to explore various applications of string performance in "non-traditional" ensembles and literature. Students connect unique string applications to various cultures and music genres. Student inquiry, exploration, and innovation is developed. Students participating in this course are concurrently enrolled in choir class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Intermediate or Advanced Orchestra

Semesters: 2 HS Credit (CR): 0

Chamber Ensemble 2 (#6088)

This course is designed for Advanced level string students to develop applications of string performance in "non-traditional" ensembles and literature. String applications to various cultures and genres include original compositions and techniques for performance. Student inquiry, exploration, and innovation is extensive. Students participating in this course are concurrently enrolled in string orchestra class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Advanced Orchestra

Semesters: 2 HS Credit (CR): 0

BAND

Beginner Band (#6017)

Band Beginner Level is designed to teach students how to play a woodwind, brass, or percussion instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Band concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Intermediate Band 2 (#6024)

Band Intermediate Level is designed for students to continue developing music fundamentals on woodwind, brass, and percussion instruments introduced in the beginner level class. Students build skills at their own pace. Band literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem solving skills. Band concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Band

Semesters: 2 HS Credit (CR): 0

Advanced Band 3 (#6032)

Band Advanced Level is designed for students to apply sound music fundamentals on woodwind, brass, and percussion instruments to music of all styles. Students build skills at their own pace. Band literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Students engage in multiple concerts. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Band

Semesters: 2 HS Credit (CR): 0

Jazz Band 1 (#6081)

This course is designed for intermediate or advanced level students interested in an enrichment opportunity to learn how to play jazz literature. All jazz styles and genres of music are explored and an introduction to improvisation is provided. No prior knowledge of jazz is required. Students participating in this course are concurrently enrolled in band class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Intermediate or Advanced Band

Semesters: 2 HS Credit (CR): 0

Jazz Band 2 (#6082)

This course is designed for advanced level students interested in developing a mastery level of performance techniques in jazz. All jazz styles and genres of music are explored and students develop accomplished skills in improvisation. Extensive performance opportunities and jazz festivals are available in this course. Students participating in this course are concurrently enrolled in band class to ensure continued development of music fundamentals.

Prerequisite (PR): Jazz Band 1 and Concurrent enrollment in Intermediate or Advanced Band

Semesters: 2 HS Credit (CR): 0

Band Cultural Ensemble 1 (#6018)

This course is designed as an enrichment opportunity for intermediate or advanced level music students to study and perform in "non-traditional" ensembles other than jazz. This course includes world cultures and music applications in steel drums and "world drumming groups."

Prerequisite (PR): Concurrent enrollment in Intermediate or Advanced Band

Semesters: 2 HS Credit (CR): 0

Band Cultural Ensemble 2 (#6019)

This course is designed as an enrichment opportunity for advanced level music students to study and perform in "non-traditional" ensembles other than jazz. World cultures and music applications in steel drums and "world drumming groups" are included in this course. Students design and create presentation formats that are original to the non-traditional ensemble.

Prerequisite (PR): Concurrent enrollment in Advanced Band

Semesters: 2 HS Credit (CR): 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Eighth Grade Electives

The courses listed in this section are available to current 7th grade students who are incoming 8th graders.

8th ELECTIVES

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

MARIACHI

Beginner Mariachi (#6083)

Music, Middle School 1, Instrumental Ensemble is available on only those campuses where district-approved mariachi programs are offered (Rayburn, Jones, Ross, Neff). This is a beginner level course for students to learn to play guitar, vihuela, and guitarrón only. Vocal, trumpet, and violin beginner students enroll in beginner choir, band, and orchestra classes. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Mariachi concerts allow students to develop live performance skills. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Mariachi (#6084)

This course is designed for students to build upon the mariachi fundamentals acquired previously. The course is available only at Ross, Jones, Neff, and Rayburn. Students will increase technical, musical, and expressive elements needed to perform more challenging literature in a variety of mariachi styles. This course is for intermediate level guitar, vihuela, guitarrón, vocal, trumpet, and violin students. Trumpet, violin, and vocal students should be concurrently enrolled in band, orchestra, or choir in order to continue detailed development of sound music fundamentals. Guitar, vihuela, and guitarrón students will receive this instruction during their class periods and may not be concurrently enrolled in another music class. Mariachi concerts are extensive and students earn awards for individual outstanding skill mastery.

Prerequisite (PR): Beginner Mariachi
Semesters: 2 HS Credit (CR): 0

Advanced Mariachi (#6085)

This course is designed for advanced music students to develop extensive performance skills in mariachi literature. The course is available only at Ross, Jones, Neff, and Rayburn. Performance opportunities are extensive and promote strong understanding of collaboration, expression, and creativity required for stage performance. Trumpet, violin, and vocal students should be concurrently enrolled in band, orchestra, or choir in order to continue detailed development of sound music fundamentals. Guitar, vihuela, and guitarrón students will receive this instruction during their class periods and may not be concurrently enrolled in another music class. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Mariachi
Semesters: 2 HS Credit (CR): 0

CHOIR

Beginner Treble (Girls) Choir (#6401)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Beginner Tenor/Bass (Boys) Choir (#6402)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Treble (Girls) Choir (#6411)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Treble Choir
Semesters: 2 HS Credit (CR): 0

Intermediate Tenor/Bass (Boys) Choir (#6412)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

Advanced Treble (Girls) Choir (#6423)

This course is designed for students to apply strong music fundamentals developed in beginner and intermediate level courses. Students build skills at their own pace. Choir literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Students engage in multiple concerts. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Treble Choir
Semesters: 2 HS Credit (CR): 0

Advanced Tenor/Bass (Boys) Choir (#6424)

This course is designed for students to apply strong music fundamentals developed in beginner and intermediate level courses. Students build skills at their own pace. Choir literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Students engage in multiple concerts. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

Vocal Ensemble 1 (#6404)

This course is designed for students interested in exploring various "non-traditional" or diverse styles of vocal music in smaller ensemble settings such as vocal jazz ensembles, madrigals, and show choirs. Concerts are varied and extensive to allow students opportunities to develop stage performance skills. Students participating in this course are concurrently enrolled in choir class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Intermediate or Advanced Treble or Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

Vocal Ensemble 2 (#6405)

This course is designed for advanced vocal students interested in developing a mastery level of performance in "non-traditional" or diverse vocal ensemble settings, such as vocal jazz ensembles, madrigals, and show choirs. The ensemble setting, music styles and genres allow students the opportunity to collaborate, inquire, create and improvise extensively. Multiple performance venues and concerts are available. Students participating in this course are concurrently enrolled in choir class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Advanced Treble or Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Eighth Grade Electives

The courses listed in this section are available to current 7th grade students who are incoming 8th graders.

8th

ELECTIVES

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

THEATRE

Beginner Theatre (#6609)

Beginning Theatre is an introductory theatre course designed for the student to experience the basic elements of drama. No previous theatre or drama experience is required. Beginning acting and technical theatre techniques will be explored along with the basic skills needed to create a theatrical performance.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Intermediate Theatre (#6610)

Intermediate Theatre is a more in-depth study of theatre where students continue to build upon skills learned in Theatre 1. Students are introduced to additional skills that are necessary to become a theatre artist. Dramatic structure, acting, and technical elements are expanded in both production and scene studies.

Prerequisite (PR): Beginner Theatre

Semesters: 2 HS Credit (CR): 0

Advanced Theatre (#6615)

Advanced Theatre is an advanced theatre class that requires students to enhance skills learned in Beginning and Intermediate through analysis of theatrical concepts and practices. Students engage in research, creative thinking, problem solving, and improvisation that is transferred to collaborative production.

Prerequisite (PR): Intermediate Theatre

Semesters: 2 HS Credit (CR): 0

MUSICAL THEATER

Musical Theater 1 (#6091)

Students will explore the many facets of Musical Theatre through the workshop process with performance opportunities and research. The course will also provide an opportunity for students to explore the varied disciplines of musical theater. Through performing, viewing, and analyzing musical theater productions, students will have an understanding of what makes an effective musical performance while developing acting, vocal, and dance skills.

Prerequisite (PR): Beginning Art, Dance I, Beginning Theater, Beginning Treble Choir or Beginning Tenor Bass

Semesters: 2 HS Credit (CR): 0

Musical Theater 2 (#6092)

Students will explore the many facets of Musical Theatre through the workshop process with performance opportunities and research. The course will also provide an opportunity for students to explore the varied disciplines of musical theater. Through performing, viewing, and analyzing musical theater productions, students will have an understanding of what makes an effective musical performance while developing acting, vocal, and dance skills.

Prerequisite (PR): Musical Theatre 1

Semesters: 2 HS Credit (CR): 0

ART

Beginner Art MS 1 (#6910)

Beginner Art MS 1 is concept-based. Curriculum units build student skills in drawing, painting, printmaking, three-dimensional art forms, fiber, and digital art. Content will include student originality and creativity.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Intermediate Art MS 2 (#6911)

Intermediate Art MS 2 is concept-based and curriculum units build student skills developed in Beginner Art MS 1. Curriculum includes drawing, painting, printmaking, three-dimensional art forms, fiber, and digital art. Development of artistic originality, creativity, and study of artists and art periods is incorporated.

Prerequisite (PR): Beginner Art MS 1

Semesters: 2 HS Credit (CR): 0

Advanced Art MS 3 (#6912)

Advanced Art MS 3 is concept-based and curriculum units build student skills developed in Intermediate Art MS 2. Curriculum includes investigation and application in the media of drawing, painting, printmaking, three-dimensional art forms, fiber, digital art and compositions of mixed media. Students work toward mastery level in originality and creativity.

Prerequisite (PR): Intermediate Art MS 2

Semesters: 2 HS Credit (CR): 0

Studio Art HS (#6914) - HS Credit

This high school credit course is designed for the middle school student who has completed Beginner Art MS 1 and Intermediate Art MS 2 and wishes to continue the study of art at a rigorous level. Students investigate and apply techniques in drawing, painting, printmaking, 3-D art forms, fiber, digital art and compositions of mixed media. Students work toward mastery level in originality and creativity. Students personalize their learning and design their curriculum to enrich peaked interest in mastery of art skills. The course is designed for students with high interest in rich art experiences.

Prerequisite (PR): Intermediate Art MS 2

Semesters: 2 HS Credit (CR): 1

Art I HS (#6913) - HS Credit

High School Art I is concept-based and is an exploratory introduction to high school art. Curriculum includes all art media to allow students to acquire a general understanding of the elements of art, principles of design and expressive qualities. Content will include problem-solving, originality, creativity, and the study of artists and art periods.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 1

Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered at the end of each semester (Fall and Spring) counting for 10% of the semester average.

DANCE

Middle School Dance may be taken as an elective, or as a fulfillment of the PE requirement.

Students who wish to use Dance to fulfill the PE requirement should NOT enroll in this course, but should rather enroll in Dance MS 1 PE (#5091), Dance MS 2 PE (#5092), or Dance MS 3 PE (#5093).

Students who wish to use Dance as an elective, should enroll in the courses listed below.

Dance MS 1 (#6810)

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Dance MS 2 (#6820)

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities.

Prerequisite (PR): Dance MS 1 or Dance MS 1 PE

Semesters: 2 HS Credit (CR): 0

Dance MS 3 (#6830)

The third of three sequential dance courses, Dance MS 3 is designed to give students the opportunity to develop and execute advance skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities.

Prerequisite (PR): Dance MS 2 or Dance MS 2 PE

Semesters: 2 HS Credit (CR): 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Eighth Grade Electives

The courses listed in this section are available to current 7th grade students who are incoming 8th graders.

8th

ELECTIVES

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

SPANISH-HS CREDIT

Spanish 1 MS (#5714) - HS Credit

This course focuses on developing speaking and listening comprehension skills. Students are exposed to basic reading and writing skills. Students are introduced to the people, their customs, and other aspects of the culture. Students have the opportunity to work in pairs and small groups to role play real-life situations using the target language.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 1

Spanish 2 MS (#5715) - HS Credit

This course continues to focus on opportunities for students to expand their speaking and listening comprehension skills and develop their reading comprehension and writing skills. Students continue to study the culture, the people, and their customs. Students will continue to role play and perform dialogues and skits in various everyday situations and topics using the target language.

Prerequisite (PR): 70 or higher in Spanish 1, or 80 or higher on the Credit-by-Exam.

Semesters: 2 HS Credit (CR): 1

Advanced Spanish 2 MS (#5732) - HS Credit

This course exceeds the Level 2 requirements by including many independent activities requiring performance in the target language. The students will continue to refine the four modes of communication by being exposed to an enriched and accelerated curriculum.

Prerequisite (PR): Recommended 90 or higher in Spanish 1, or 90 or higher on the Credit-by-Exam.

Semesters: 2 HS Credit (CR): 1

Advanced Spanish 3 MS (#5742) - HS Credit

Students continue to work towards proficiency in speaking and listening comprehension. The study of some condensed literary works will incorporate the development of reading comprehension and writing skills. Culture topics are integrated throughout the curriculum. Students will do independent, paired, and group work to allow for more creativity and the use of higher order thinking skills.

Prerequisite (PR): Recommended 80 or better in Advanced Spanish 2 or a 90 or better in Spanish 2 Regular; or a 90 or better on the Credit-by-Exam.

Semesters: 2 HS Credit (CR): 1

Spanish 4 AP MS (#5752) - HS Credit

This course will integrate the curriculum prepared by both the College Board and Northside to prepare students for the Advanced Placement Language and Culture exam. Group and independent activities will be utilized to facilitate intensive student use of the target language in all aspects of the course. Upon successfully completing the Advanced Placement exam, students may be eligible to receive several hours of college credit.

Prerequisite (PR): Recommended 80 or better in Advanced Spanish 3 or Advanced Spanish 3 Spanish Speakers.

Semesters: 2 HS Credit (CR): 1

CAREER & TECHNICAL EDUCATION



Business Management & Administration • Education & Training • Finance • Health Science • Human Services • Marketing • Agriculture, Food, & Natural Resources

PBS Future Lab 7/8 (#8800)

(Public & Business Services Related Careers)

This is a lab- and project-based course in which students will participate in experiences that model real-world industries. The goal of this course is to create a foundation for success in high school, future studies, and careers in Business, Industry, and Public Service. Career and Technical Education clusters addressed include Agriculture, Business/Finance, Culinary, Education, Fashion, Health Science, and Marketing. Students will research labor market information, learn job-seeking skills, and practice professional communication skills. Career and Technical Education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Principles of Human Services (#8459)

HS Credit

This is a lab- and project-based course in which students will participate in experiences that model real-world industries. Students will engage in activities to help prepare for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care services, and consumer services. Students will assess the relationship between health and wellness and personal and professional achievement. Students will study child development and identify the basic needs of children as well as caregiver guidelines that promote safe and healthy child development. Students will explore culinary arts by creating meals according to dietary guidelines and nutrition standards. Students will also engage in the fields of fashion design, interior design, counseling and mental health and family and community services through collaborative activities and real world experiences.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 1



Arts, A/V Technology & Communications • Information Technology • Law, Public Safety, Corrections & Security • Manufacturing • Science, Technology, Engineering & Mathematics • Transportation, Distribution & Logistics • Architecture & Construction

STEM Future Lab 7/8 (#8810)

(Science, Technology, Engineering, and Math Related Careers)

This is a lab- and project-based course in which students will participate in experiences that model real-world industries. The goal of this course is to create a foundation for success in high school, future studies, and careers in Science, Technology, Engineering, and Math. Career and Technical Education clusters addressed include Architecture, Arts & Audio Video, Construction, Engineering, Information Technology (Cyber), Law (Forensics), Manufacturing, and Transportation (Automotive). Students will research labor market information, learn job-seeking skills, and practice professional communication skills. Career and Technical Education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered at the end of each semester (Fall and Spring) counting for 10% of the semester average.

Principles of Applied Engineering (#8729)

HS Credit

This is a lab- and project-based course in which students will participate in experiences that model real-world industries. This high school credit course provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will understand the various fields of engineering and will be able to make informed career decisions. Further, students will have worked on a design team to develop a product or system. Students will use multiple software applications to prepare and present course assignments.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 1

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Eighth Grade Electives

The courses listed in this section are available to current 7th grade students who are incoming 8th graders.

8th

ELECTIVES

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

JOURNALISM

Journalism/Yearbook (#1702)

This course provides the study of current print and digital trends in yearbook design, layout, and publishing in order to develop and produce the school yearbook. Coursework includes gathering and analyzing information, photography, and specialized writing.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Journalism (#1700)

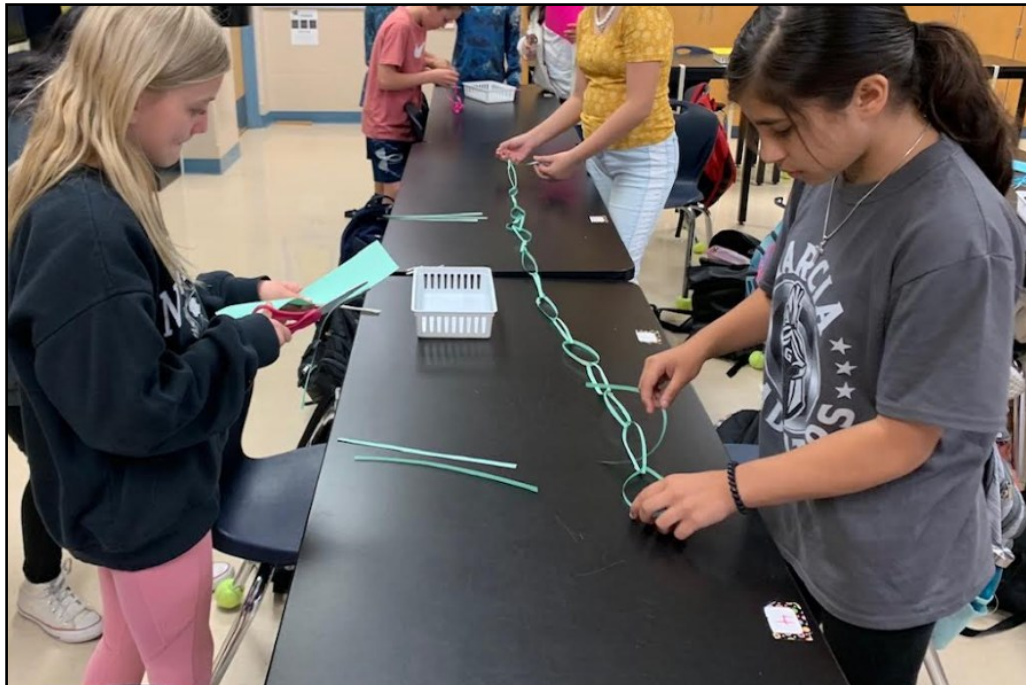
This course is designed to introduce students to mass media, advertising, marketing, and photography. Students study the basic features of journalism and newspaper and/or yearbook production, freedom and responsibility of the press, career opportunities in mass communications, and specialized writing.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



Northside Independent
School District



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Northside Middle School Magnet Schools

Unique Learning Opportunities

Northside ISD offers a unique opportunity for middle school students to customize their learning through a magnet school program.

Northside magnet schools combine specialized courses with access to traditional programs such as sports and fine arts through the comprehensive campus. Magnet school students enjoy the full middle school experience with the benefit of innovative experiences and opportunities.

Families with questions about the middle school magnet programs should contact the magnet school office or visit their websites.

Jordan Magnet School

Phone:
(210) 397-6230

Website:
www.nisd.net/jordan-magnet



Jones Magnet School

Phone:
(210) 397-2230

Website:
www.nisd.net/jones-magnet

Stinson Magnet School

Phone:
(210) 397-3600

Website:
www.nisd.net/stinson-magnet

Zachry Magnet School

Phone:
(210) 397-7490

Website:
www.nisd.net/zachry-magnet

Hobby Magnet School

Phone:
(210) 397-6280

Website:
www.nisd.net/hobby-magnet



Students in NISD middle school magnet programs will learn and utilize the Design Process to identify and solve relevant problems through Design Challenges that are an integrated aspect of specialized magnet curriculums. In addition, Project-Based Learning (PBL) will also offer magnet students opportunities to experience problem solving and project-development across multiple connected curricular concepts.

DESIGN PROCESS



ASK

- Ask clarifying questions
- Research the topic
- Identify opportunities and resources
- Develop hypothesis



IMAGINE

- Brainstorm possibilities
- Sketch options
- Consider key parameters and constraints
- Choose the best design



CREATE

- Build design prototype
- Test design prototype
- Adjust design (if needed)



COLLABORATE

- Present and communicate design
- Justify with evidence
- Gather feedback



IMPROVE

- Reflect
- Identify strengths and weaknesses of design
- Redesign



HOBBY MAGNET SCHOOL

Health Professions • Health Science • Healthcare

Hobby Magnet Middle School offers a unique program emphasizing health professions, health science and healthcare through hands-on experiences and cross-content Project Based Learning (PBL). The program aligns with Health Science programs at magnet and multiple comprehensive high schools throughout NISD.

The three-year curriculum at Hobby Magnet Middle School includes unique English Language Arts and Science courses along with specialty Career and Technical Education (CTE) courses that expose students to the Health Science fields of therapeutic services, diagnostic services, health informatics, support services and biotechnology research and development. Magnet students will be enrolled in multiple customized courses and will have enhanced opportunities to earn high school credit while still in middle school.

Hobby Magnet School is housed on the Hobby Middle School campus using a school-within-a-school model. Students will attend their specialty Health Science-focused English Language Arts (ELA), Science, and CTE courses in classrooms and labs including a mock hospital room and lab designed to enhance the collaboration and Project-Based Learning (PBL) experiences that are key aspects of this program. The remainder of the magnet students' schedules will benefit from the high-quality learning at Hobby Middle School, including access to a wide range of elective, extracurriculars, and athletics.

Current Northside 5th graders are invited to apply for admission to Hobby Magnet school by speaking with their current campus counselor or contacting Hobby Magnet School at (210) 397-6280.

Hobby Magnet School Required Courses

6TH GRADE	7TH GRADE	8TH GRADE
Students will enroll in one course in each of the following content areas: Science and Healthcare Systems 6* Literacy and Health Professions ELA 6* Career Investigations 6* World Cultures 6 Math 6 or Advanced Math 6 PE/Healthy Habits	Students will enroll in one course in each of the following content areas: Science and Healthcare Interactions 7* Literacy and Health Science ELA 7* Introduction to Pharmacy Science 7* Leadership Investigations 7* Texas History 7 or Advanced Texas History 7 Math 7 or Advanced Math 7 PE or Athletics	Students will enroll in one course in each of the following content areas: Science and Healthcare Applications 8* Literacy and Health Care ELA 8* Principles of Health Science 8* Future Investigations*† US History 8 or Advanced US History 8 Pre-Algebra or Advanced MS Algebra I PE or Athletics

* Specialty course offered through the Hobby MS Magnet

† Addresses the HS Speech requirement



Identified GT students attending any of our Middle School Magnets will receive GT services through specialized magnet courses and curriculum. These courses and curriculum are designed to foster inquiry and challenge students to think critically, create, and conduct research to support their ideas and outcomes. All magnet courses are taught by teachers who have completed the state required GT training and will provide differentiated instruction to our GT students.

Sixth Grade Required Courses

The courses listed in this section are available to current 5th grade students who are incoming 6th graders at Hobby Magnet School. Contact the magnet school counselor for course availability.

6th

REQUIRED COURSES

Hobby Magnet School

REQUIRED MAGNET COURSES

All Hobby Magnet students will enroll in each of the following:

ENGLISH LANGUAGE ARTS

Literacy and Health Professions ELA 6 (#1050)

Students will have multiple opportunities to develop communication and analytical skills in an academically challenging course of study regarding medical and health topics, such as health professions, health issues impacting society today, and medical research. The primary goals of this course are to cultivate independent learning, encourage in-depth inquiry and exploration of the content, and develop the habits necessary for academic success.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

SCIENCE

Science and Healthcare Systems 6 (#3063)

This course is designed to explore 6th grade science concepts as they relate to science and healthcare systems. Students will study a variety of topics that include classification of elements, types of mixtures, density of fluids, evidence of chemical change, Newton's Third Law of Motion, energy (forms of potential energy, energy transformations, conservation of energy), cycles within Sun, Earth, and Moon systems (seasons, tides), organization of the geosphere (resource management), cells, organization of ecosystems, variation within organisms, and relationships/interactions between organisms including abiotic/biotic factors within an ecosystem. Students will explore these concepts through scientific inquiry using scientific and engineering practices as well as engaging in Gifted and Talented learning strategies such as depth and complexity as they explore the various topics of study, preparing them for the Healthcare Science 7 course.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

CAREER & TECHNICAL EDUCATION

Career Investigations 6 (#8806)

This is a lab- and project-based course in which students will participate in experiences that model real-world industries with a focus on STEM (Science, Technology, Engineering, and Math). This course establishes the foundation for the STEM Magnet pathway of courses. The goal is to create a pathway for success in high school, future studies, and careers in Science, Technology, Engineering, and Math. All Career and Technical Education clusters will be addressed so students have a well rounded view of all career clusters. Students will research labor market information, learn job-seeking skills, and practice professional communication skills. This course will focus on major units in Engineering, Robotics, Biotechnology, and Computer Science. Career and Technical Education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



Science, Technology, Engineering & Mathematics • Health Science



For Hobby Magnet School, GT services are provided through specialized magnet courses and curriculum. See GT services at Middle School Magnet Schools page for more information.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

**Hobby
Magnet School**

Sixth Grade Required Courses

The courses listed in this section are available to current 5th grade students who are incoming 6th graders at Hobby Magnet School. Contact the magnet school counselor for course availability.

REQUIRED CORE COURSES

Students will select one course in each Core area (Math, Social Studies, and PE/Athletics).

MATHEMATICS

Math 6 (#2060)

The purpose of this course is to provide a foundation for students to solve problems using numbers and operations, proportionality, expressions, equations, relationships, and measurement and data. The students will utilize process standards to weave knowledge and skills together to be successful problem solvers and use mathematics efficiently and effectively in daily life.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Advanced Math 6 (#2062)

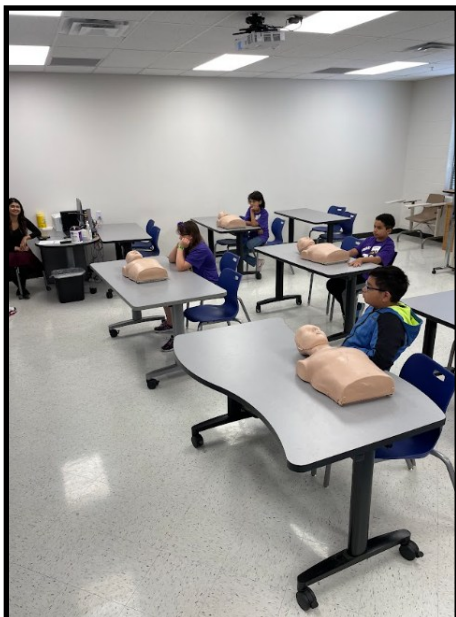
Note: Select this course if you would like your student to enroll in Advanced Math Algebra I in 8th grade.

The primary focal areas in this course are numeracy, proportionality, expressions, equations, relationships, and data science. The students will utilize process standards to weave knowledge and skills together to be successful problem solvers and use mathematics efficiently and effectively in daily life. This course will build a foundation for the Advanced Math 7 course.

Students enrolled in this course will take STAAR Math 6. This course is designed to extend the 6th Math curriculum into aligned 7th grade TEKS, emphasizing complex problem solving through the lens of numbers and operations, proportionality, expressions, equations, relationships, and measurement and data. The students will utilize process standards to weave knowledge and skills together to be successful problem solvers and use mathematics efficiently and effectively in daily life. This course will build a foundation for the Advanced Math 7 course. Students enrolled in this course will take STAAR Math 6.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

SOCIAL STUDIES

World Cultures 6 (#4060)

In this course, students will study people, places, and societies of the contemporary world. In addition, students will study the influence of individuals and groups on historical and contemporary events in those societies, and they will identify the locations and geographic characteristics of various societies. Students will learn the different ways of organizing economic and governmental systems. They will study the concepts of limited and unlimited government, and describe the nature of citizenship in various societies. Students will compare institutions common to all societies such as government, education, and religious institutions. Students will also learn how the level of technology affects the development of various societies.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



Hobby
Magnet School

PHYSICAL EDUCATION

PE and Healthy Habits are required for all 6th grade students and may not be taken in isolation.

PE: Fitness and Team Sports 6 (#5068)

In sixth grade PE, students will gain awareness and understanding of the relationship between physical activity and health while developing the knowledge and skills for both team and individual sports. There will be options throughout this one semester course for non-competitive and competitive activities. Non-competitive activities include a variety of recreational and outdoor sports such as rock climbing, lacrosse, mountain biking, and activities that promote enjoyment and success. Competitive activities will enhance skills through various activities that will provide a preview for UIL sports such as football, volleyball and basketball.

All students receiving PE credit will take a fitness assessment to determine cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 1 HS Credit (CR): 0

HEALTHY HABITS

Healthy Habits (#5020)

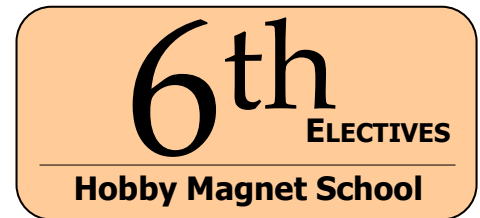
Healthy Habits is a one-semester course designed to empower 6th grade students to maintain and improve their health and wellness by developing skills, attitudes, and knowledge necessary to improve quality of life. Students will learn the process of goal setting and decision making as well as interpersonal communication, self-management, and self-advocacy. Students will explore how behaviors influence their health and well-being and demonstrate skill application and acquire knowledge to build and maintain a healthy lifestyle.

Prerequisite (PR): None

Semesters: 1 HS Credit (CR): 0

Sixth Grade Electives

The courses listed in this section are available to current 5th grade students who are incoming 6th graders at Hobby Magnet School.



Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

DANCE

Dance MS 1 (#6810)

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving students' technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

BAND

Beginner Band (#6017)

Band Beginner Level is designed to teach students how to play a woodwind, brass, or percussion instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Band concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

CHOIR

Beginner Treble (Girls) Choir (#6401)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Beginner Tenor/Bass (Boys) Choir (#6402)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

THEATRE

Beginner Theatre (#6609)

Beginning Theatre is an introductory theatre course designed for the student to experience the basic elements of drama. No previous theatre or drama experience is required. Beginning acting and technical theatre techniques will be explored along with the basic skills needed to create a theatrical performance.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

ART

Beginner Art MS 1 (#6910)

Beginner Art MS 1 is concept-based. Curriculum units build student skills in drawing, painting, print-making, three-dimensional art forms, fiber, and digital art. Content will include student originality and creativity.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

ORCHESTRA

Beginner Orchestra (#6079)

Orchestra Beginner Level is designed to teach students how to play a violin, viola, cello, or string bass instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Orchestra concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Orchestra for 5th Grade Strings Students

Note: Students who have successfully completed a 5th grade after-school string program may be eligible for placement in an intermediate orchestra class pending a review of the student's skill abilities by the middle school orchestra director. Parents should contact the middle school orchestra director immediately for an appointment.



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Seventh Grade Required Courses

The courses listed in this section are available to current 6th grade students who are incoming 7th graders at Hobby Magnet School. Contact the magnet school counselor for course availability.

7th

REQUIRED COURSES

Hobby Magnet School

REQUIRED MAGNET COURSES

All Hobby Magnet students will enroll in each of the following:

ENGLISH LANGUAGE ARTS

Literacy and Health Science ELA 7 (#1051)

Students will have multiple opportunities to develop communication and analytical skills in an academically challenging course of study regarding health science topics, such as types of health services, advancements in medicine, and access to healthcare. The primary goals of this course are to cultivate independent learning, encourage in-depth inquiry and exploration of the content, and develop the habits necessary for academic success.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

SCIENCE

Science and Healthcare Interactions 7 (#3077)

This course is designed to explore 7th grade science concepts as they relate to science and healthcare interactions. Students will study a variety of topics that include investigation of elements and compounds, exploration of aqueous solutions, forces (impact on linear motion), Newton's First Law of Motion, average kinetic energy (temperature), transfer of thermal energy (conduction, convection, radiation), solar system (components and organization), role of gravity, characteristics of Earth that allow life to exist, Earth's changing features (tectonic movement), human affect and dependence on the hydrosphere, main functions of organs, inherited traits, natural/artificial selection, flow of energy through trophic levels, biodiversity and sustainability, and taxonomic classifications. Students will explore these concepts through scientific inquiry using scientific and engineering practices as well as engaging in Gifted and Talented learning strategies such as depth and complexity as they explore the various topics of study, preparing them for the Healthcare Science 8 course.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

CAREER & TECHNICAL EDUCATION

Introduction to Pharmacy Science 7 (#8340)

The Introduction to Pharmacy Science course is designed to provide an overview of the history of the pharmacy profession, legal and ethical aspects of pharmacy, skills necessary to work in the field of pharmacy, basic medical math, anatomy and physiology/pathophysiology, pharmacology, and wellness as they pertain to pharmacy sciences. Industry professionalism, certifications/registration, communication and medical terminology, as well as rules and regulations pertaining to the field will be a focus. Students will participate in lab based activities to illustrate the components of pharmacy in all aspects of health science.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Leadership Investigations 7 (#8812)

Students will become familiar with different ways of exercising leadership in their lives. They will learn and apply leadership skills in a hands-on practical way that encourages them to challenge their own beliefs and assumptions about what constitutes leadership. This course offers a comprehensive review of contemporary issues and perspectives on leadership. Topics include development of leadership theories, personal assessment and development, values and goals, motivation, followership, group dynamics, multiculturalism in leadership, conflict resolution, performance excellence, and the change process. This course is based on the premise that each student will face a variety of leadership challenges in life. How these challenges are met, whether as a formal leader or a member of a team, can have a significant impact on an organization and on one's life.

- Learning Agility
- Community Service
- Global Citizenship
- Global Communicator
- Self Awareness
- Integrity & Digital Citizenship
- Cross-Cultural
- Service Occupations

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



Science, Technology, Engineering & Mathematics • Health Science



For Hobby Magnet School, GT services are provided through specialized magnet courses and curriculum. See GT services at Middle School Magnet Schools page for more information.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Seventh Grade Required

The courses listed in this section are available to current 6th grade students who are incoming 7th graders at Hobby Magnet School. Contact the magnet school counselor for course availability.

REQUIRED CORE COURSES

Students will select one course in each Core area (Math, Social Studies, and PE/Athletics).

7th

REQUIRED COURSES

Hobby Magnet School

MATHEMATICS

Math 7 (#2070)

This course builds on student understanding of numbers and operations, proportionality, expressions, equations, relationships, and measurement and data. Students will utilize process standards to weave knowledge and skills together to be successful problem solvers and use mathematics efficiently and effectively in daily life.

Prerequisite (PR): None

Semesters: 2

HS Credit (CR): 0

Advanced Math 7 (#2072)

The primary focal areas in this course are numeracy, proportionality, expressions, equations, relationships, and data science. Students will utilize process standards to weave knowledge and skills together to be successful problem solvers and use mathematics efficiently and effectively in daily life. This course will build a foundation for the Advanced Math Algebra I course. **Students enrolled in this course will take STAAR Math 7.**

Prerequisite (PR): Advanced Math 6

Semesters: 2

HS Credit (CR): 0

Math Bridge I is a course designed for 7th-grade students who want to take Advanced Math Algebra I (high school credit course) in 8th grade and who are NOT currently enrolled in Advanced Math 6. This class is a 90-minute class that will fulfill the math requirement and will take the place of ONE elective.

Math Bridge I (#2083)

This course integrates the Advanced Math 6 and Advanced Math 7 curriculum with an emphasis on complex problem solving through the lens of numeracy, proportionality, expressions, equations, and relationships, and data science. Students use concepts, algorithms, and properties of real numbers to explore mathematical relationships and to describe increasingly complex situations. Students will utilize process standards to weave knowledge and skills together to be successful problem solvers and use mathematics efficiently and effectively in daily life. This course will build a foundation for the Advanced Math Algebra I course. **Students enrolled in this course will take STAAR Math 7.**

Prerequisite (PR): Math 6

Semesters: 2

HS Credit (CR): 0

SOCIAL STUDIES

Texas History 7 (#4070)

In 7th grade Texas History, students study the history of Texas from early times to the present. Students will learn about the regions of Texas and the distribution of population within and among the regions. They will also study the factors that caused Texas to change from an agrarian to an urban society. Students will learn about the structure and functions of municipal, county, and state governments, explain the influence of the U.S. Constitution on the Texas Constitution, and examine the rights and responsibilities of Texas citizens.

Prerequisite (PR): None

Semesters: 2

HS Credit (CR): 0

Advanced Texas History 7 (#4071)

In 7th grade Texas History, students study the history of Texas from early times to the present. Students will learn about the regions of Texas and the distribution of population within and among the regions. They will also study the factors that caused Texas to change from an agrarian to an urban society. Students will learn about the structure and functions of municipal, county, and state governments, explain the influence of the U.S. Constitution on the Texas Constitution, and examine the rights and responsibilities of Texas citizens. *Students enrolled in Advanced courses should expect a more rigorous class, faster pace, more in-depth classroom discussions, intensified vocabulary, an increased amount of reading and writing assignments, and the need for effective time management.

Prerequisite (PR): None

Semesters: 2

HS Credit (CR): 0

ATHLETICS

Athletics Boys 7 (#5072)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None

Semesters: 2

HS Credit (CR): 0

Athletics Girls 7 (#5076)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None

Semesters: 2

HS Credit (CR): 0

PHYSICAL EDUCATION

PE: Movement for Lifelong Fitness 7 (#5070)

In seventh grade PE, students will learn to apply movement concepts to a variety of activities such as spinning, recreational volleyball, and soccer. Students will also be exposed to a variety of recreational and lifetime sports such as circuit and fitness training, archery, and mountain biking. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 2

HS Credit (CR): 0

Middle School Dance may be taken as an elective, or as a fulfillment of the PE requirement.

Students who wish to use MS Dance as an elective, should NOT enroll in this course, but should rather enroll in Dance MS 1 (#6810) or Dance MS 2 (#6820).

Students who wish to use MS Dance to fulfill the PE requirement should enroll in Dance MS 1 PE (#5091) or Dance MS 2 PE (#5092) listed below. These students must also choose electives.

Note: These courses meet the middle school Physical Education requirements. To take these course as electives only, see the course listing.

Dance MS 1 PE (#5091)

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving students' technique, self-confidence, creative ability and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 2

HS Credit (CR): 0

Dance MS 2 PE (#5092)

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving students' technique, self-confidence, creative ability and concept of wellness. Dance students will have ensemble performance opportunities. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Hobby
Magnet School

Seventh Grade Electives

The courses listed in this section are available to current 6th grade students who are incoming 7th graders at Hobby Magnet School. Contact the magnet school counselor for course availability.

7th

ELECTIVES

Hobby Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

DANCE

Middle School Dance may be taken as an elective or as a fulfillment of the PE requirement.

Students who wish to use Dance to fulfill the PE requirement should NOT enroll in this course, but should rather enroll in Dance MS 1 PE (#5091) or Dance MS 2 PE (#5092).

Students who wish to use Dance as an elective should enroll in the courses listed below.

Note: These courses serve as an elective only. To take these courses as a substitute for PE, see the course listing.

Dance MS 1 (#6810)

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Dance MS 2 (#6820)

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): Dance MS 1 or Dance MS 1 PE
Semesters: 2 HS Credit (CR): 0

THEATRE

Beginner Theatre (#6609)

Beginning Theatre is an introductory theatre course designed for the student to experience the basic elements of drama. No previous theatre or drama experience is required. Beginning acting and technical theatre techniques will be explored along with the basic skills needed to create a theatrical performance.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Theatre (#6610)

Intermediate Theatre is a more in-depth study of theatre where students continue to build upon skills learned in Theatre 1. Students are introduced to additional skills that are necessary to become a theatre artist. Dramatic structure, acting, and technical elements are expanded in both production and scene studies.

Prerequisite (PR): Beginner Theatre
Semesters: 2 HS Credit (CR): 0



SPANISH-HS CREDIT

Spanish 1 MS (#5714) - HS Credit

This course focuses on developing speaking and listening comprehension skills. Students are exposed to basic reading and writing skills. Students are introduced to the people, their customs, and other aspects of the culture. Students have the opportunity to work in pairs and small groups to role play real-life situations using the target language.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 1

Spanish 2 MS (#5715) - HS Credit

This course continues to focus on opportunities for students to expand their speaking and listening comprehension skills and develop their reading comprehension and writing skills. Students continue to study the culture, the people, and their customs. Students will continue to role play and perform dialogues and skits in various everyday situations and topics using the target language.

Prerequisite (PR): 70 or higher in Spanish 1, or 80 or higher on the Credit-by-Exam
Semesters: 2 HS Credit (CR): 1

Advanced Spanish 2 MS (#5732) - HS Credit

This course exceeds the Level 2 requirements by including many independent activities requiring performance in the target language. The students will continue to refine the four modes of communication by being exposed to an enriched and accelerated curriculum.

Prerequisite (PR): Recommended 90 or higher in Spanish 1, or 90 or higher on the Credit-by-Exam.
Semesters: 2 HS Credit (CR): 1

Advanced Spanish 3 MS (#5742) - HS Credit

Students continue to work towards proficiency in speaking and listening comprehension. The study of some condensed literary works will incorporate the development of reading comprehension and writing skills. Culture topics are integrated throughout the curriculum. Students will do independent, paired, and group work to allow for more creativity and the use of higher-order thinking skills.

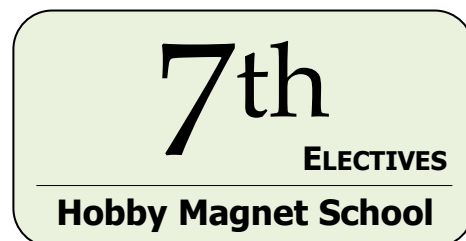
Prerequisite (PR): Recommended 80 or better in Advanced Spanish 2 or a 90 or better in Spanish 2 Regular; or a 90 or better on the Credit-by-Exam.
Semesters: 2 HS Credit (CR): 1

Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered at the end of each semester (Fall and Spring) counting for 10% of the semester average.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Seventh Grade Electives

The courses listed in this section are available to current 6th grade students who are incoming 7th graders at Hobby Magnet School. Contact the magnet school counselor for course availability.



Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

ORCHESTRA

Beginner Orchestra (#6079)

Orchestra Beginner Level is designed to teach students how to play a violin, viola, cello, or string bass instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Orchestra concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Orchestra (#6086)

Orchestra Intermediate Level is designed for students to continue developing music fundamentals on violin, viola, cello, and string bass instruments introduced in the beginner level class. Orchestra literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem-solving skills. Orchestra concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Orchestra
Semesters: 2 HS Credit (CR): 0

Advanced Orchestra (#6089)

Orchestra Advanced Level is designed for students to apply strong music fundamentals on violin, viola, cello, and string bass instruments to music of all styles. Students build skills at their own pace. Orchestra literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Orchestra concerts are extensive. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Orchestra
Semesters: 2 HS Credit (CR): 0

Chamber Ensemble 1 (#6087)

This course is designed for string students at an intermediate or advanced level to explore various applications of string performance in "non-traditional" ensembles and literature. Students connect unique string applications to various cultures and music genres. Student inquiry, exploration, and innovation is developed. Students participating in this course are concurrently enrolled in choir class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Intermediate or Advanced Orchestra
Semesters: 2 HS Credit (CR): 0

BAND

Beginner Band (#6017)

Band Beginner Level is designed to teach students how to play a woodwind, brass, or percussion instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Band concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Band 2 (#6024)

Band Intermediate Level is designed for students to continue developing music fundamentals on woodwind, brass, and percussion instruments introduced in the beginner level class. Students build skills at their own pace. Band literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem solving skills. Band concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Band
Semesters: 2 HS Credit (CR): 0

Jazz Band 1 (#6081)

This course is designed for intermediate or advanced level students interested in an enrichment opportunity to learn how to play jazz literature. All jazz styles and genres of music are explored and an introduction to improvisation is provided. No prior knowledge of jazz is required. Students participating in this course are concurrently enrolled in band class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Intermediate or Advanced Band
Semesters: 2 HS Credit (CR): 0

Band Cultural Ensemble 1 (#6018)

This course is designed as an enrichment opportunity for intermediate or advanced level music students to study and perform in "non-traditional" ensembles other than jazz. World cultures and music applications in steel drums and "world drumming groups" are included in this course.

Prerequisite (PR): Concurrent Enrollment in Intermediate or Advanced Band
Semesters: 2 HS Credit (CR): 0

CHOIR

Beginner Treble (Girls) Choir (#6401)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Beginner Tenor/Bass (Boys) Choir (#6402)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Treble (Girls) Choir (#6411)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Treble Choir
Semesters: 2 HS Credit (CR): 0

Intermediate Tenor/Bass (Boys) Choir (#6412)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

Vocal Ensemble 1 (#6404)

This course is designed for students interested in exploring various "non-traditional" or diverse styles of vocal music in smaller ensemble settings such as vocal jazz ensembles, madrigals, and show choirs. Concerts are varied and extensive to allow students opportunities to develop stage performance skills. Students participating in this course are concurrently enrolled in choir class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Intermediate or Advanced Treble or Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Eighth Grade Required Courses

The courses listed in this section are available to current 7th grade students who are incoming 8th graders at Hobby Magnet School. Contact the magnet school counselor for course availability.

8th

REQUIRED COURSES

Hobby Magnet School

REQUIRED MAGNET COURSES

All Hobby Magnet students will enroll in each of the following:

ENGLISH LANGUAGE ARTS

Literacy and Health Care ELA 8 (#1052)

Students will have multiple opportunities to develop communication and analytical skills in an academically challenging course of study regarding medical and health topics, such as wellness, patient care, and disease prevention. The primary goals of this course are to cultivate independent learning, encourage in-depth inquiry and exploration of the content, and develop the habits necessary for academic success.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

SCIENCE

Science and Healthcare Applications (#3088)

This course is designed to explore 8th grade science concepts as they relate to science and healthcare applications. Students will study a variety of topics that include classification of matter (properties of water, acids, bases), chemical reactions, conservation of mass, Newton's three Laws of Motion, characteristics of transverse waves, use of electromagnetic waves, origin of the universe, life cycle of stars, classification of stars, categorization of galaxies, weather patterns and climate change, carbon cycle, function of organelles, inherited traits, adaptations, transfer of energy within a food web, ecological succession, and biodiversity within an ecosystem. Students will explore these concepts through scientific inquiry using scientific and engineering practices as well as engaging in Gifted and Talented learning strategies such as depth and complexity as they explore the various topics of study, preparing them for high school health science courses.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

CAREER & TECHNICAL EDUCATION

Principles of Health Science 8 (#8493)

Note: This course satisfies the NISD Health requirement for high school graduation.

The Principles of Health Science course provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry. Students will identify employment opportunities, technology, and safety requirements of each system. Students will participate in lab based activities to illustrate the components of all aspects of health science. A student must earn credit for a full year of Principles of Health Science to receive a waiver for HS Health.

Prerequisite (PR): STEM Math 6
Semesters: 2 HS Credit (CR): 0

Future Investigations A (#8813) Future Investigations B (#8813B)

Note: This course satisfies an elective requirement and the NISD Speech requirement.

Future Investigations equips students with skills and strategies to excel in high school and beyond, while exploring opportunities in education and careers to set short- and long-term goals. Students identify their learning preferences, strengths, and growth areas, then refine organization, resource management, and study skills. The course builds personal responsibility, stress management, growth mindset, and resiliency, while promoting leadership through character education, independent thinking, collaboration, problem-solving, and decision-making.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 1



Science, Technology, Engineering &
Mathematics • Health Science



For Hobby Magnet School, GT services are provided through specialized magnet courses and curriculum. See GT services at Middle School Magnet Schools page for more information.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered at the end of each semester (Fall and Spring) counting for 10% of the semester average.

Eighth Grade Required Courses

The courses listed in this section are available to current 7th grade students who are incoming 8th graders at Hobby Magnet School. Contact the magnet school counselor for course availability.

REQUIRED CORE COURSES

Students will select one course in each Core area (Math, Social Studies, and PE/Athletics).

MATHEMATICS

Pre-Algebra (#2080)

The purpose of this course is to provide a foundation for students to solve problems using proportionality; expressions, equations, relationships, and foundations of functions; and measurement and data. The students will utilize process standards to weave knowledge and skills together to be successful problem solvers and use mathematics efficiently and effectively in daily life.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Advanced MS Algebra I (#2121) - HS Credit

This course extends students' foundational knowledge of linear relationships to a comprehensive study of linear, quadratic, and exponential functions and their applications. Students will use technology to explore data, analyze statistical relationships, and master related concepts, including polynomials, systems of equations, and sequences. The students will utilize process standards to weave knowledge and skills together to be successful problem solvers and use mathematics efficiently and effectively in daily life. This advanced course is a GPA-weighted course that emphasizes complex problem-solving to prepare students for upcoming Advanced and AP coursework. **Students enrolled in this course will take STAAR Algebra EOC.**

Prerequisite (PR): Pre-Algebra or its equivalent

Semesters: 2 HS Credit (CR): 1

ATHLETICS

Athletics Boys 8 (#5085)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Athletics Girls 8 (#5086)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered at the end of each semester (Fall and Spring) counting for 10% of the semester average.

SOCIAL STUDIES

US History 8 (#4080)

This course studies U.S. History from the early colonial period through Reconstruction. Students will learn about the physical characteristics of the U.S. and their impact on population distribution and settlement patterns in the past. Also, students will analyze economic factors that influenced the development of colonial America and the early years of the republic, as well as examine American beliefs and principles, including limited government, checks and balances, federalism, separation of powers, and individual rights. Students will evaluate the impact of Supreme Court cases and major reform movements of the 19th century.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Advanced US History 8 (#4081)

This course studies U.S. History from the early colonial period through Reconstruction. Students will learn about the physical characteristics of the U.S. and their impact on population distribution and settlement patterns in the past. Also, students will analyze economic factors that influenced the development of colonial America and the early years of the republic, as well as examine American beliefs and principles, including limited government, checks and balances, federalism, separation of powers, and individual rights. Students will evaluate the impact of Supreme Court cases and major reform movements of the 19th century. *Students enrolled in Advanced courses should expect a more rigorous class, faster pace, more in-depth classroom discussions, intensified vocabulary, an increased amount of reading and writing assignments, and the need for effective time management.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

PHYSICAL EDUCATION

PE: Lifetime Activity and Wellness 8 (#5080)

In eighth grade PE, students will be exposed to activities that support being physically active for a lifetime. Activities such as yoga, Pilates, archery, tennis, and golf will be taught. Students will also be exposed to cardio drumming and a variety of recreational and outdoor sports. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

8th

REQUIRED COURSES

Hobby Magnet School

DANCE

Middle School Dance may be taken as an elective, or as a fulfillment of the PE requirement.

Students who wish to use Dance as an elective, should NOT enroll in this course, but should rather enroll in Dance MS 1 (#6810), Dance MS 2 (#6820), or Dance MS 3 (#6830).

Students who wish to use Dance to fulfill the PE requirement should enroll in Dance MS 1 PE (#5091), Dance MS 2 PE (#5092), or Dance MS 3 PE (#5093) listed below. These students must also choose an elective from.

Note: These courses meet the middle school Physical Education requirements. To take these courses as electives only, see the course listing.

Dance MS 1 PE (#5091)

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Dance MS 2 PE (#5092)

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): Dance MS 1 or Dance MS 1 PE

Semesters: 2 HS Credit (CR): 0

Dance MS 3 PE (#5093)

The third of three sequential dance courses, Dance MS 3 is designed to give students the opportunity to develop and execute advance skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): Dance MS 2 or Dance MS 2 PE

Semesters: 2 HS Credit (CR): 0



Hobby
Magnet School

Eighth Grade Electives

The courses listed in this section are available to current 7th grade students who are incoming 8th graders.

8th

ELECTIVES

Hobby Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

CHOIR

Beginner Treble (Girls) Choir (#6401)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Beginner Tenor/Bass (Boys) Choir (#6402)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Treble (Girls) Choir (#6411)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Treble Choir
Semesters: 2 HS Credit (CR): 0

Intermediate Tenor/Bass (Boys) Choir (#6412)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

Advanced Treble (Girls) Choir (#6423)

This course is designed for students to apply strong music fundamentals developed in beginner and intermediate level courses. Students build skills at their own pace. Choir literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Students engage in multiple concerts. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Treble Choir
Semesters: 2 HS Credit (CR): 0

Advanced Tenor/Bass (Boys) Choir (#6424)

This course is designed for students to apply strong music fundamentals developed in beginner and intermediate level courses. Students build skills at their own pace. Choir literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Students engage in multiple concerts. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

Vocal Ensemble 1 (#6404)

This course is designed for students interested in exploring various "non-traditional" or diverse styles of vocal music in smaller ensemble settings such as vocal jazz ensembles, madrigals, and show choirs. Concerts are varied and extensive to allow students opportunities to develop stage performance skills. Students participating in this course are concurrently enrolled in choir class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Intermediate or Advanced Treble or Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

Vocal Ensemble 2 (#6405)

This course is designed for advanced vocal students interested in developing a mastery level of performance in "non-traditional" or diverse vocal ensemble settings, such as vocal jazz ensembles, madrigals, and show choirs. The ensemble setting, music styles and genres allow students the opportunity to collaborate, inquire, create and improvise extensively. Multiple performance venues and concerts are available. Students participating in this course are concurrently enrolled in choir class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Advanced Treble or Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

THEATRE

Beginner Theatre (#6609)

Beginning Theatre is an introductory theatre course designed for the student to experience the basic elements of drama. No previous theatre or drama experience is required. Beginning acting and technical theatre techniques will be explored along with the basic skills needed to create a theatrical performance.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Theatre (#6610)

Intermediate Theatre is a more in-depth study of theatre where students continue to build upon skills learned in Theatre 1. Students are introduced to additional skills that are necessary to become a theatre artist. Dramatic structure, acting, and technical elements are expanded in both production and scene studies.

Prerequisite (PR): Beginner Theatre
Semesters: 2 HS Credit (CR): 0

Advanced Theatre (#6615)

Advanced Theatre is an advanced theatre class that requires students to enhance skills learned in Beginning and Intermediate through analysis of theatrical concepts and practices. Students engage in research, creative thinking, problem solving, and improvisation that is transferred to collaborative production.

Prerequisite (PR): Intermediate Theatre
Semesters: 2 HS Credit (CR): 0



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Eighth Grade Electives

The courses listed in this section are available to current 7th grade students who are incoming 8th graders.

8th

ELECTIVES

Hobby Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

ORCHESTRA

Beginner Orchestra (#6079)

Orchestra Beginner Level is designed to teach students how to play a violin, viola, cello, or string bass instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Orchestra concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Orchestra (#6086)

Orchestra Intermediate Level is designed for students to continue developing music fundamentals on violin, viola, cello, and string bass instruments introduced in the beginner level class. Orchestra literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem-solving skills. Orchestra concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Orchestra
Semesters: 2 HS Credit (CR): 0

Advanced Orchestra (#6089)

Orchestra Advanced Level is designed for students to apply strong music fundamentals on violin, viola, cello, and string bass instruments to music of all styles. Students build skills at their own pace. Orchestra literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Orchestra concerts are extensive. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Orchestra
Semesters: 2 HS Credit (CR): 0

BAND

Beginner Band (#6017)

Band Beginner Level is designed to teach students how to play a woodwind, brass, or percussion instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Band concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Band 2 (#6024)

Band Intermediate Level is designed for students to continue developing music fundamentals on woodwind, brass, and percussion instruments introduced in the beginner level class. Students build skills at their own pace. Band literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem-solving skills. Band concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Band
Semesters: 2 HS Credit (CR): 0

Advanced Band 3 (#6032)

Band Advanced Level is designed for students to apply sound music fundamentals on woodwind, brass, and percussion instruments to music of all styles. Students build skills at their own pace. Band literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Students engage in multiple concerts. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Band
Semesters: 2 HS Credit (CR): 0

ART

Beginner Art MS 1 (#6910)

Beginner Art MS 1 is concept-based. Curriculum units build student skills in drawing, painting, printmaking, three-dimensional art forms, fiber, and digital art. Content will include student originality and creativity.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Art MS 2 (#6911)

Intermediate Art MS 2 is concept-based and curriculum units build student skills developed in Beginner Art MS 1. Curriculum includes drawing, painting, printmaking, three-dimensional art forms, fiber, and digital art. Development of artistic originality, creativity, and study of artists and art periods is incorporated.

Prerequisite (PR): Beginner Art MS 1
Semesters: 2 HS Credit (CR): 0

Advanced Art MS 3 (#6912)

Advanced Art MS 3 is concept-based and curriculum units build student skills developed in Intermediate Art MS 2. Curriculum includes investigation and application in the media of drawing, painting, printmaking, three-dimensional art forms, fiber, digital art and compositions of mixed media. Students work toward mastery level in originality and creativity.

Prerequisite (PR): Intermediate Art MS 2
Semesters: 2 HS Credit (CR): 0

Studio Art HS (#6914) - HS Credit

This high school credit course is designed for the middle school student who has completed Beginner Art MS 1 and Intermediate Art MS 2 and wishes to continue the study of art at a rigorous level. Students investigate and apply techniques in drawing, painting, printmaking, 3-D art forms, fiber, digital art and compositions of mixed media. Students work toward mastery level in originality and creativity. Students personalize their learning and design their curriculum to enrich peaked interest in mastery of art skills. The course is designed for students with high interest in rich art experiences.

Prerequisite (PR): Intermediate Art MS 2
Semesters: 2 HS Credit (CR): 1

Art I HS (#6913) - HS Credit

High School Art I is concept-based and is an exploratory introduction to high school art. Curriculum includes all art media to allow students to acquire a general understanding of the elements of art, principles of design and expressive qualities. Content will include problem-solving, originality, creativity, and the study of artists and art periods.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 1

Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered at the end of each semester (Fall and Spring) counting for 10% of the semester average.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Hobby
Magnet School

Eighth Grade Electives

The courses listed in this section are available to current 7th grade students who are incoming 8th graders.

8th

ELECTIVES

Hobby Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

DANCE

Middle School Dance may be taken as an elective, or as a fulfillment of the PE requirement.

Students who wish to use Dance to fulfill the PE requirement should NOT enroll in this course, but should rather enroll in Dance MS 1 PE (#5091), Dance MS 2 PE (#5092), or Dance MS 3 PE (#5093).

Students who wish to use Dance as an elective, should enroll in the courses listed below.

Note: These courses serve as an elective only. To take these courses as a substitute for PE, see the course listing.

Dance MS 1 (#6810)

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Dance MS 2 (#6820)

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities.

Prerequisite (PR): Dance MS 1 or Dance MS 1 PE

Semesters: 2 HS Credit (CR): 0

Dance MS 3 (#6830)

The third of three sequential dance courses, Dance MS 3 is designed to give students the opportunity to develop and execute advance skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities.

Prerequisite (PR): Dance MS 2 or Dance MS 2 PE

Semesters: 2 HS Credit (CR): 0

SPANISH-HS CREDIT

Spanish 1 MS (#5714) - HS Credit

This course focuses on developing speaking and listening comprehension skills. Students are exposed to basic reading and writing skills. Students are introduced to the people, their customs, and other aspects of the culture. Students have the opportunity to work in pairs and small groups to role play real-life situations using the target language.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 1

Spanish 2 MS (#5715) - HS Credit

This course continues to focus on opportunities for students to expand their speaking and listening comprehension skills and develop their reading comprehension and writing skills. Students continue to study the culture, the people, and their customs. Students will continue to role play and perform dialogues and skits in various everyday situations and topics using the target language.

Prerequisite (PR): 70 or higher in Spanish 1, or 80 or higher on the Credit-by-Exam.

Semesters: 2 HS Credit (CR): 1

Advanced Spanish 2 MS (#5732) - HS Credit

This course exceeds the Level 2 requirements by including many independent activities requiring performance in the target language. The students will continue to refine the four modes of communication by being exposed to an enriched and accelerated curriculum.

Prerequisite (PR): Recommended 90 or higher in Spanish 1, or 90 or higher on the Credit-by-Exam.

Semesters: 2 HS Credit (CR): 1

Advanced Spanish 3 MS (#5742) - HS Credit

Students continue to work towards proficiency in speaking and listening comprehension. The study of some condensed literary works will incorporate the development of reading comprehension and writing skills. Culture topics are integrated throughout the curriculum. Students will do independent, paired, and group work to allow for more creativity and the use of higher order thinking skills.

Prerequisite (PR): Recommended 80 or better in Advanced Spanish 2 or a 90 or better in Spanish 2 Regular; or a 90 or better on the Credit-by-Exam.

Semesters: 2 HS Credit (CR): 1

Spanish 4 AP MS (#5752) - HS Credit

This course will integrate the curriculum prepared by both the College Board and Northside to prepare students for the Advanced Placement Language and Culture exam. Group and independent activities will be utilized to facilitate intensive student use of the target language in all aspects of the course. Upon successfully completing the Advanced Placement exam, students may be eligible to receive several hours of college credit.

Prerequisite (PR): Recommended 80 or better in Advanced Spanish 3 or Advanced Spanish 3 Spanish Speakers.

Semesters: 2 HS Credit (CR): 1

Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered at the end of each semester (Fall and Spring) counting for 10% of the semester average.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



JONES MAGNET SCHOOL

STEM *focused*

Engineering • Robotics • Biotechnology • Computer Science

Jones STEM Magnet School offers a unique program emphasizing STEM fields of Science, Technology, Engineering, and Math. Students participate in unique STEM courses that integrate hands-on design challenges and cross-content Project Based Learning (PBL). The program aligns with the John Jay Science and Engineering Academy, giving students the option to continue in a coherent 6-12 STEM program. Jones Magnet School is housed on the Anson Jones Middle School campus using a school-within-a-school model, allowing students to access the high-quality learning at Jones Middle School, including a wide range of elective, extracurriculars, and athletics.

The three-year curriculum at Jones STEM Magnet School includes STEM Math and Science courses along with specialty Career and Technical Education (CTE) classes that expose students to the STEM fields of Computer Science, Biotechnology, Robotics, and Engineering. Magnet students will be enrolled in multiple customized courses and will have enhanced opportunities to earn high school credit while still in middle school.

The course listings below describe the coursework for students at Jones Magnet School. Detailed descriptions of the courses can be found in the Jones Magnet School section of this course catalog.

Current Northside 5th and 6th graders are invited to apply for admission to Jones Magnet school by speaking with their current campus counselor or contacting Jones Magnet School at (210) 397-2230.

Jones Magnet School Required Courses

6TH GRADE

Students will enroll in one course in each of the following content areas:

STEM Science 6*
STEM Math 6*
STEM Career Investigations 6*
English Language Arts (ELA)
World Cultures 6
PE/Healthy Habits

Students will select one Fine Arts elective course to fill the remainder of the school day.

7TH GRADE

Students will enroll in one course in each of the following content areas:

STEM Science 7*
STEM Pre-Algebra*
Principles of Applied Engineering & Biotechnology 7*
Texas History 7 or Advanced Texas History 7
English Language Arts (ELA)
PE or Athletics

Students will select one elective course to fill the remainder of the school day.

8TH GRADE

Students will enroll in one course in each of the following content areas:

STEM Science 8*
STEM Advanced MS Algebra I*
Fundamental of Computer Science & Robotics 8*
Future Investigations*†
English Language Arts (ELA)
US History 8 or Advanced US History 8
PE or Athletics

Students will select one elective course to fill the remainder of the school day.

* STEM-focused course offered through the Jones MS STEM Magnet

† Addresses the HS Speech requirement



Identified GT students attending any of our Middle School Magnets will receive GT services through specialized magnet courses and curriculum. These courses and curriculum are designed to foster inquiry and challenge students to think critically, create, and conduct research to support their ideas and outcomes. All magnet courses are taught by teachers who have completed the state required GT training and will provide differentiated instruction to our GT students.



Sixth Grade Required Courses

The courses listed in this section are available to current 5th grade students who are incoming 6th graders at Jones Magnet School. Contact the magnet school counselor for course availability.

6th

REQUIRED COURSES

Jones Magnet School

REQUIRED STEM COURSES

All Jones Magnet students will enroll in each of the following:

MATHEMATICS

STEM Math 6 (#2026)

This course focuses on complex problem solving through the lens of numeracy, proportionality, expressions, equations, and relationships, and data science with 21st-century learning skills. The students will weave knowledge and skills together by integrating math, science, technology, and engineering so that they may be successful innovators and use mathematics as a foundation for further exploration. This course will build a foundation for the STEM Math 7 course.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

SCIENCE

STEM Science 6 (#3061)

This course is designed to explore 6th grade science concepts as they relate to science, technology, engineering, and mathematics using the guiding principles of collaboration, critical thinking, and problem solving skills. Students will study a variety of topics that include classification of elements, types of mixtures, density of fluids, evidence of chemical change, Newton's Third Law of Motion, energy (forms of potential energy, energy transformations, conservation of energy), cycles within Sun, Earth, and Moon systems (seasons, tides), organization of the geosphere (resource management), cells, organization of ecosystems, variation within organisms, and relationships/interactions between organisms including abiotic/biotic factors within an ecosystem. In addition to the guiding principles, students will also engage in Gifted and Talented learning strategies such as depth and complexity as they explore the various topics of study. This course will build a foundation for the STEM Science 7 course.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

CAREER & TECHNICAL EDUCATION

Career Investigations 6 (#8806)

This is a lab- and project-based course in which students will participate in experiences that model real-world industries with a focus on STEM (Science, Technology, Engineering, and Math). This course establishes the foundation for the STEM Magnet pathway of courses. The goal is to create a pathway for success in high school, future studies, and careers in Science, Technology, Engineering, and Math. All Career and Technical Education clusters will be addressed so students have a well rounded view of all career clusters. Students will research labor market information, learn job-seeking skills, and practice professional communication skills. This course will focus on major units in Engineering, Robotics, Biotechnology, and Computer Science. Career and Technical Education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



Science, Technology, Engineering & Mathematics • Information Technology Manufacturing • Health Science



Jones
Magnet School



For Jones Magnet School, GT services are provided through specialized magnet courses and curriculum. See GT services at Middle School Magnet Schools page for more information.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Sixth Grade Required Courses

The courses listed in this section are available to current 5th grade students who are incoming 6th graders at Jones Magnet School. Contact the magnet school counselor for course availability.

REQUIRED COURSES

Students will select one course in each Core area (ELA, Social Studies, and PE).

ENGLISH LANGUAGE ARTS (ELA)

ELA 6 (#1061)

Middle School English Language Arts is aligned with the Texas Essential Knowledge and Skills (TEKS). Strategies for listening, speaking, reading, writing, and thinking using multiple texts are integrated daily to create a literacy-rich classroom which promotes engaging, student-centered learning. Through the communication of ideas, orally and in writing, students continue to develop the knowledge and skills necessary to become independent readers, writers, and thinkers. The primary goals of this course are to cultivate independent learning, encourage in-depth inquiry, and exploration of the content, and develop the habits necessary for academic success.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Advanced ELA 6 (#1066)

This course is designed to prepare and motivate middle school students for Advanced and Advanced Placement (AP) courses in high school. This is in addition to the grade-level expectations of the Middle School English Language Arts classroom. Students have multiple opportunities to develop communication and analytical skills in an academically challenging course of study. As a preparation for Advanced Placement English courses in high school, this course adds a focus on literary analysis in reading, writing, and speaking.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

SOCIAL STUDIES

World Cultures 6 (#4060)

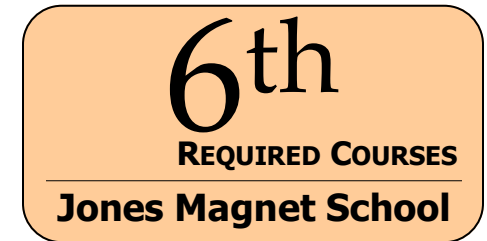
In this course, students will study people, places, and societies of the contemporary world. In addition students will study the influence of individuals and groups on historical and contemporary events in those societies and they will identify the locations and geographic characteristics of various societies. Students will learn the different ways of organizing economic and governmental systems. They will study the concepts of limited and unlimited government and describe the nature of citizenship in various societies. Students will compare institutions common to all societies such as government, education, and religious institutions. Students will also learn how the level of technology affects the development of various societies.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



PE and Healthy Habits are required for all 6th grade students and may not be taken in isolation.

PHYSICAL EDUCATION

PE: Fitness and Team Sports 6 (#5068)

In sixth grade PE, students will gain awareness and understanding of the relationship between physical activity and health while developing the knowledge and skills for both team and individual sports. There will be options throughout this one semester course for non-competitive and competitive activities. Non-competitive activities include a variety of recreational and outdoor sports such as rock climbing, lacrosse, mountain biking, and activities that promote enjoyment and success. Competitive activities will enhance skills through various activities that will provide a preview for UIL sports such as football, volleyball and basketball.

All students receiving PE credit will take a fitness assessment to determine cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 1 HS Credit (CR): 0

HEALTHY HABITS

Healthy Habits (#5020)

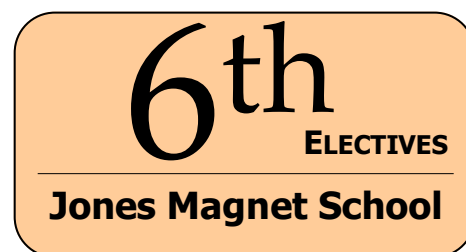
Healthy Habits is a one-semester course designed to empower 6th grade students to maintain and improve their health and wellness by developing skills, attitudes, and knowledge necessary to improve quality of life. Students will learn the process of goal setting and decision making as well as interpersonal communication, self-management, and self-advocacy. Students will explore how behaviors influence their health and well-being and demonstrate skill application and acquire knowledge to build and maintain a healthy lifestyle.

Prerequisite (PR): None

Semesters: 1 HS Credit (CR): 0

Sixth Grade Electives

The courses listed in this section are available to current 5th grade students who are incoming 6th graders at Jones Magnet School.



Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

DANCE

Dance MS 1 (#6810)

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving students' technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

BAND

Beginner Band (#6017)

Band Beginner Level is designed to teach students how to play a woodwind, brass, or percussion instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Band concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

MARIACHI

Beginner Mariachi (#6083)

Music, Middle School 1, Instrumental Ensemble is available on only those campuses where district-approved mariachi programs are offered (Rayburn, Jones, Ross, Neff). This is a beginner level course for students to learn to play guitar, vihuela, and guitarrón only. Vocal, trumpet, and violin beginner students develop their music fundamentals in beginner choir, band, and orchestra classes. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Mariachi concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

CHOIR

Beginner Treble (Girls) Choir (#6401)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Beginner Tenor/Bass (Boys) Choir (#6402)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

THEATRE

Beginner Theatre (#6609)

Beginning Theatre is an introductory theatre course designed for the student to experience the basic elements of drama. No previous theatre or drama experience is required. Beginning acting and technical theatre techniques will be explored along with the basic skills needed to create a theatrical performance.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

ART

Beginner Art MS 1 (#6910)

Beginner Art MS 1 is concept-based. Curriculum units build student skills in drawing, painting, printmaking, three-dimensional art forms, fiber, and digital art. Content will include student originality and creativity.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

ORCHESTRA

Beginner Orchestra (#6079)

Orchestra Beginner Level is designed to teach students how to play a violin, viola, cello, or string bass instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Orchestra concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Orchestra for 5th Grade Strings Students

Note: Students who have successfully completed a 5th grade after-school string program may be eligible for placement in an intermediate orchestra class pending a review of the student's skill abilities by the middle school orchestra director. Parents should contact the middle school orchestra director immediately for an appointment.



Jones
Magnet School



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Seventh Grade Required Courses

The courses listed in this section are available to current 6th grade students who are incoming 7th graders at Jones Magnet School. Contact the magnet school counselor for course availability.

7th

REQUIRED COURSES

Jones Magnet School

REQUIRED STEM COURSES

All Jones Magnet students will enroll in each of the following:

MATHEMATICS

STEM Pre-Algebra (#2076)

This course focuses on complex problem solving through the lens of numeracy, proportionality, expressions, equations, and relationships, and data science with 21st-century learning skills. The students will weave knowledge and skills together by integrating math, science, technology, and engineering so that they may be successful innovators and use mathematics as a foundation for further exploration. This course will build a foundation for the STEM MS Algebra I course. **Students enrolled in this course will take STAAR Math 7.**

Prerequisite (PR): STEM Math 6

Semesters: 2 HS Credit (CR): 0

SCIENCE

STEM Science 7 (#3076)

This course is designed to explore 7th grade science concepts as they relate to science, technology, engineering, and mathematics using the guiding principles of collaboration, critical thinking, and problem solving skills. Students will study a variety of topics that include investigation of elements and compounds, exploration of aqueous solutions, forces (impact on linear motion), Newton's First Law of Motion, average kinetic energy (temperature), transfer of thermal energy (conduction, convection, radiation), solar system (components and organization), role of gravity, characteristics of Earth that allow life to exist, Earth's changing features (tectonic movement), human affect and dependence on the hydrosphere, main functions of organs, inherited traits, natural/artificial selection, flow of energy through trophic levels, biodiversity and sustainability, and taxonomic classifications. In addition to the guiding principles, students will also engage in Gifted and Talented learning strategies such as depth and complexity as they explore the various topics of study. This course will build a foundation for the STEM Science 8 course.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

CAREER & TECHNICAL EDUCATION

Principles of Applied Engineering & Biotechnology 7 (#7125)

Programming and Design in Engineering & Robotics is intended as a first course for those students just beginning the study of Engineering and Biotechnology. Students will develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Students will transfer academic skills to component designs in a project-based environment through implementation of the design process and the engineering design notebook. Students will build prototypes and use simulation software to test their designs. Upon completing this course, students will have an understanding of the various fields of engineering, biotechnology, and will be able to make informed career decisions. Further, students will have worked on a design team to develop a product or system. Students will use multiple software applications to prepare and present course assignments.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 1



Science, Technology, Engineering & Mathematics • Information Technology • Manufacturing • Health Science



For Jones Magnet School, GT services are provided through specialized magnet courses and curriculum. See GT services at Middle School Magnet Schools page for more information.

Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered at the end of each semester (Fall and Spring) counting for 10% of the semester average.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Seventh Grade Required Courses

The courses listed in this section are available to current 6th grade students who are incoming 7th graders at Jones Magnet School. Contact the magnet school counselor for course availability.

REQUIRED CORE COURSES

Students will select one course in each Core area (ELA, Social Studies, and PE/Athletics).

7th

REQUIRED COURSES

Jones Magnet School

ENGLISH LANGUAGE ARTS (ELA)

ELA 7 (#1071)

Middle School English Language Arts is aligned with the Texas Essential Knowledge and Skills (TEKS). Strategies for listening, speaking, reading, writing, and thinking using multiple texts are integrated daily to create a literacy-rich classroom which promotes engaging, student-centered learning. Through the communication of ideas, orally and in writing, students continue to develop the knowledge and skills necessary to become independent readers, writers, and thinkers. The primary goals of this course are to cultivate independent learning, encourage in-depth inquiry, and exploration of the content, and develop the habits necessary for academic success.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Advanced ELA 7 (#1076)

This course is designed to prepare and motivate middle school students for Advanced and Advanced Placement (AP) courses in high school. This is in addition to the grade-level expectations of the Middle School English Language Arts classroom. Students have multiple opportunities to develop communication and analytical skills in an academically challenging course of study. As a preparation for Advanced Placement English courses in high school, this course adds a focus on literary analysis in reading, writing, and speaking.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

SOCIAL STUDIES

Texas History 7 (#4070)

In 7th grade Texas History, students study the history of Texas from early times to the present. Students will learn about the regions of Texas and the distribution of population within and among the regions. They will also study the factors that caused Texas to change from an agrarian to an urban society. Students will learn about the structure and functions of municipal, county, and state governments, explain the influence of the U.S. Constitution on the Texas Constitution, and examine the rights and responsibilities of Texas citizens.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Advanced Texas History 7 (#4071)

In 7th grade Texas History, students study the history of Texas from early times to the present. Students will learn about the regions of Texas and the distribution of population within and among the regions. They will also study the factors that caused Texas to change from an agrarian to an urban society. Students will learn about the structure and functions of municipal, county, and state governments, explain the influence of the U.S. Constitution on the Texas Constitution, and examine the rights and responsibilities of Texas citizens. *Students enrolled in Advanced courses should expect a more rigorous class, faster pace, more in-depth classroom discussions, intensified vocabulary, an increased amount of reading and writing assignments, and the need for effective time management.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

PHYSICAL EDUCATION

PE: Movement and Lifetime Fitness 7 (#5070)

In seventh grade PE, students will learn to apply movement concepts to a variety of activities such as spinning, recreational volleyball, and soccer. Students will also be exposed to a variety of recreational and lifetime sports such as circuit and fitness training, archery, and mountain biking. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

DANCE

Note: These courses meet the requirements for middle school Physical Education. To take these courses as electives only.

Dance MS 1 PE (#5091)

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Dance MS 2 PE (#5092)

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): Dance MS 1 or Dance MS 1 PE

Semesters: 2 HS Credit (CR): 0

Dance MS 3 PE (#5093)

The third of three sequential dance courses, Dance MS 3 is designed to give students the opportunity to develop and execute advance skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): Dance MS 2 or Dance MS 2 PE

Semesters: 2 HS Credit (CR): 0

ATHLETICS

Athletics Boys 7 (#5072)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Athletics Girls 7 (#5076)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Seventh Grade Electives

The courses listed in this section are available to current 6th grade students who are incoming 7th graders at Jones Magnet School. Contact the magnet school counselor for course availability.

7th

ELECTIVES

Jones Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

ORCHESTRA

Beginner Orchestra (#6079)

Orchestra Beginner Level is designed to teach students how to play a violin, viola, cello, or string bass instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Orchestra concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Orchestra (#6086)

Orchestra Intermediate Level is designed for students to continue developing music fundamentals on violin, viola, cello, and string bass instruments introduced in the beginner level class. Orchestra literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem-solving skills. Orchestra concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Orchestra
Semesters: 2 HS Credit (CR): 0

Advanced Orchestra (#6089)

Orchestra Advanced Level is designed for students to apply strong music fundamentals on violin, viola, cello, and string bass instruments to music of all styles. Students build skills at their own pace. Orchestra literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Orchestra concerts are extensive. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Orchestra
Semesters: 2 HS Credit (CR): 0

BAND

Beginner Band (#6017)

Band Beginner Level is designed to teach students how to play a woodwind, brass, or percussion instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Band concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Band 2 (#6024)

Band Intermediate Level is designed for students to continue developing music fundamentals on woodwind, brass, and percussion instruments introduced in the beginner level class. Students build skills at their own pace. Band literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem solving skills. Band concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Band
Semesters: 2 HS Credit (CR): 0



MARIACHI

Beginner Mariachi (#6083)

Music, Middle School 1, Instrumental Ensemble is available on only those campuses where district-approved mariachi programs are offered (Rayburn, Jones, Ross, Neff). This is a beginner level course for students to learn to play guitar, vihuela, and guitarrón only. Vocal, trumpet, and violin beginner students enroll in beginner choir, band, and orchestra classes. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Mariachi concerts allow students to develop live performance skills. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Mariachi (#6084)

This course is designed for students to build upon the mariachi fundamentals acquired previously. The course is available at Ross, Jones, Neff, and Rayburn only. Students will increase technical, musical, and expressive elements needed to perform more challenging literature in a variety of mariachi styles. This course is for intermediate level guitar, vihuela, guitarrón, vocal, trumpet, and violin students. Trumpet, violin, and vocal students should be concurrently enrolled in band, orchestra, or choir in order to continue detailed development of sound music fundamentals. Guitar, vihuela, and guitarrón students will receive this instruction during their class periods and may not be concurrently enrolled in another music class. Mariachi concerts are extensive and students earn awards for individual outstanding skill mastery.

Prerequisite (PR): Beginner Mariachi
Semesters: 2 HS Credit (CR): 0

Advanced Mariachi (#6085)

This course is designed for advanced music students to develop extensive performance skills in mariachi literature. The course is available at Ross, Jones, Neff, and Rayburn only. Performance opportunities are extensive and promote strong understanding of collaboration, expression, and creativity required for stage performance. Trumpet, violin, and vocal students should be concurrently enrolled in band, orchestra, or choir in order to continue detailed development of sound music fundamentals. Guitar, vihuela, and guitarrón students will receive this instruction during their class periods and may not be concurrently enrolled in another music class. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Mariachi
Semesters: 2 HS Credit (CR): 0

Jones
Magnet School

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Seventh Grade Electives

The courses listed in this section are available to current 6th grade students who are incoming 7th graders at Jones Magnet School. Contact the magnet school counselor for course availability.

7th ELECTIVES Jones Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

CHOIR

Beginner Treble (Girls) Choir (#6401)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 *HS Credit (CR):* 0

Beginner Tenor/Bass (Boys) Choir (#6402)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 *HS Credit (CR):* 0

Intermediate Treble (Girls) Choir (#6411)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Treble Choir

Semesters: 2 *HS Credit (CR):* 0

Intermediate Tenor/Bass (Boys) Choir (#6412)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Tenor/Bass Choir

Semesters: 2 *HS Credit (CR):* 0

DANCE

Middle School Dance may be taken as an elective or as a fulfillment of the PE requirement.

Students who wish to use Dance to fulfill the PE requirement should NOT enroll in this course, but should rather enroll in Dance MS 1 PE (#5091) or Dance MS 2 PE (#5092).

Students who wish to use Dance as an elective should enroll in the courses listed below.

Note: These courses serve as an elective only. To take this course as a substitute for PE.

Dance MS 1 (#6810)

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): None

Semesters: 2 *HS Credit (CR):* 0

Dance MS 2 (#6820)

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): Dance MS 1 or Dance MS 1 PE

Semesters: 2 *HS Credit (CR):* 0

ART

Beginner Art MS 1 (#6910)

Beginner Art MS 1 is concept-based. Curriculum units build student skills in drawing, painting, printmaking, fiber art, three-dimensional art forms, and digital art. Content will include student originality and creativity.

Prerequisite (PR): None

Semesters: 2 *HS Credit (CR):* 0

Intermediate Art MS 2 (#6911)

Intermediate Art MS 2 is concept-based and curriculum units build student skills developed in Beginner Art 1. Curriculum includes drawing, painting, printmaking, fiber art, three-dimensional art forms, and digital art. Development of artistic originality, creativity, and study of artists and art periods is incorporated.

Prerequisite (PR): Beginner Art MS 1

Semesters: 2 *HS Credit (CR):* 0

THEATRE

Beginner Theatre (#6609)

Beginning Theatre is an introductory theatre course designed for the student to experience the basic elements of drama. No previous theatre or drama experience is required. Beginning acting and technical theatre techniques will be explored along with the basic skills needed to create a theatrical performance.

Prerequisite (PR): None

Semesters: 2 *HS Credit (CR):* 0

Intermediate Theatre (#6610)

Intermediate Theatre is a more in-depth study of theatre where students continue to build upon skills learned in Theatre 1. Students are introduced to additional skills that are necessary to become a theatre artist. Dramatic structure, acting, and technical elements are expanded in both production and scene studies.

Prerequisite (PR): Beginner Theatre

Semesters: 2 *HS Credit (CR):* 0

CAREER & TECHNICAL EDUCATION



**Business Management & Administration • Education & Training • Finance • Health Science
Human Services • Marketing • Agriculture,
Food, & Natural Resources**

PBS Future Lab 7/8 (#8800)

(Public & Business Services Related Careers)

This is a lab- and project-based course in which students will participate in experiences that model real-world industries. The goal of this course is to create a foundation for success in high school, future studies, and careers in Business, Industry, and Public Service. Career and Technical Education clusters addressed include **Agriculture, Business/Finance, Culinary, Education, Fashion, Health Science, and Marketing**. Students will research labor market information, learn job-seeking skills, and practice professional communication skills. Career and Technical Education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

Prerequisite (PR): None

Semesters: 2 *HS Credit (CR):* 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Jones
Magnet School

Seventh Grade Electives

The courses listed in this section are available to current 6th grade students who are incoming 7th graders at Jones Magnet School. Contact the magnet school counselor for course availability.

7th ELECTIVES Jones Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

SPANISH-HS CREDIT

Spanish 1 MS (#5714) - HS Credit

This course focuses on developing speaking and listening comprehension skills. Students are exposed to basic reading and writing skills. Students are introduced to the people, their customs, and other aspects of the culture. Students have the opportunity to work in pairs and small groups to role play real-life situations using the target language.

Prerequisite (PR): None

Semesters: 2 *HS Credit (CR):* 1

Spanish 2 MS (#5715) - HS Credit

This course continues to focus on opportunities for students to expand their speaking and listening comprehension skills and develop their reading comprehension and writing skills. Students continue to study the culture, the people, and their customs. Students will continue to role play and perform dialogues and skits in various everyday situations and topics using the target language.

Prerequisite (PR): 70 or higher in **Spanish 1**, or 80 or higher on the **Credit-by-Exam**.

Semesters: 2 *HS Credit (CR):* 1

Advanced Spanish 2 MS (#5732) - HS Credit

This course exceeds the Level 2 requirements by including many independent activities requiring performance in the target language. The students will continue to refine the four modes of communication by being exposed to an enriched and accelerated curriculum.

Prerequisite (PR): Recommended 90 or higher in **Spanish 1**, or 90 or higher on the **Credit-by-Exam**.

Semesters: 2 *HS Credit (CR):* 1

Advanced Spanish 3 MS (#5742) - HS Credit

Students continue to work towards proficiency in speaking and listening comprehension. The study of some condensed literary works will incorporate the development of reading comprehension and writing skills. Culture topics are integrated throughout the curriculum. Students will do independent, paired, and group work to allow for more creativity and the use of higher-order thinking skills.

Prerequisite (PR): Recommended 80 or better in **Advanced Spanish 2** or a 90 or better in **Spanish 2 Regular**; or a 90 or better on the **Credit-by-Exam**.

Semesters: 2 *HS Credit (CR):* 1

Advanced Spanish 3

for Spanish Speakers MS (#5749) - HS Credit

Note: Available only to identified NISD Dual-Language students.

This course is for students who understand and speak Spanish at the intermediate-high level. Students continue to work towards proficiency in speaking and listening comprehension. Students continue to expand their reading comprehension and writing skills. Cultured topics are integrated throughout the curriculum.

Prerequisite (PR): **Advanced Spanish 2 Spanish Speakers MS**

Semesters: 2 *HS Credit (CR):* 1

Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered at the end of each semester (Fall and Spring) counting for 10% of the semester average.



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Jones
Magnet School

Eighth Grade Required Courses

The courses listed in this section are available to current 7th grade students who are incoming 8th graders at Jones Magnet School. Contact the magnet school counselor for course availability.

8th

REQUIRED COURSES

Jones Magnet School

REQUIRED STEM COURSES

All Jones Magnet students will enroll in each of the following:

MATHEMATICS

STEM MS Algebra I (#2123)

This course extends students' foundational knowledge of linear relationships to a comprehensive study of linear, quadratic, and exponential functions and their applications. Students will use technology to explore data, analyze statistical relationships, and master related concepts, including polynomials, systems of equations, and sequences. The students will utilize process standards to weave knowledge and skills together by integrating math, science, technology, and engineering so that they may be successful innovators and use mathematics as a foundation for further exploration. This advanced course is a GPA-weighted course that emphasizes complex problem-solving to prepare students for upcoming Advanced and AP coursework. **Students enrolled in this course will take STAAR Algebra EOC.**

Prerequisite (PR): Pre-Algebra or its equivalent
Semesters: 2 HS Credit (CR): 1

SCIENCE

STEM Science 8 (#3086)

This course is designed to explore 8th grade science concepts as they relate to science, technology, engineering, and mathematics using the guiding principles of collaboration, critical thinking, and problem solving skills. Students will study a variety of topics that include classification of matter (properties of water, acids, bases), chemical reactions, conservation of mass, Newton's three Laws of Motion, characteristics of transverse waves, use of electromagnetic waves, origin of the universe, life cycle of stars, classification of stars, categorization of galaxies, weather patterns and climate change, carbon cycle, function of organelles, inherited traits, adaptations, transfer of energy within a food web, ecological succession, and biodiversity within an ecosystem. In addition to the guiding principles, students will also engage in Gifted and Talented learning strategies such as depth and complexity as they explore the various topics of study. This course will build a foundation for high school STEM courses.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

CAREER & TECHNICAL EDUCATION

Fundamentals of Computer Science & Robotics 8 (#7126)

Students will learn about the computing tools that are used every day in STEM. Students will foster their creativity and innovation through opportunities to design, implement, and present solutions to real-world problems. Students will collaborate and use computer science and Robotics concepts to access, analyze, and evaluate information needed to solve problems. Students will learn the problem-solving and reasoning skills that are the foundation of computer science. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations and concepts and apply them in Robotics activities.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 1

Future Investigations A (#8813) Future Investigations B (#8813B)

Note: This course satisfies an elective requirement and the NISD Speech requirement.

Future Investigations equips students with skills and strategies to excel in high school and beyond, while exploring opportunities in education and careers to set short- and long-term goals. Students identify their learning preferences, strengths, and growth areas, then refine organization, resource management, and study skills. The course builds personal responsibility, stress management, growth mindset, and resiliency, while promoting leadership through character education, independent thinking, collaboration, problem-solving, and decision-making.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 1



Science, Technology, Engineering & Mathematics • Information Technology • Manufacturing • Health Science



Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered at the end of each semester (Fall and Spring) counting for 10% of the semester average.

For Jones Magnet School, GT services are provided through specialized magnet courses and curriculum. See GT services at Middle School Magnet Schools page for more information.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Jones
Magnet School

Eighth Grade Required Courses

The courses listed in this section are available to current 7th grade students who are incoming 8th graders at Jones Magnet School. Contact the magnet school counselor for course availability.

8th

REQUIRED COURSES

Jones Magnet School

REQUIRED COURSES

Students will select one course in each Core area (ELA, Social Studies, and PE/Athletics).

ENGLISH LANGUAGE ARTS (ELA)

ELA 8 (#1084)

Middle School English Language Arts is aligned with the Texas Essential Knowledge and Skills (TEKS). Strategies for listening, speaking, reading, writing, and thinking using multiple texts are integrated daily to create a literacy-rich classroom which promotes engaging, student-centered learning. Through the communication of ideas, orally and in writing, students continue to develop the knowledge and skills necessary to become independent readers, writers, and thinkers. The primary goals of this course are to cultivate independent learning, encourage in-depth inquiry and exploration of the content, and develop the habits necessary for academic success.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

ELA 8 Pre-AP (#1087)

This course is designed to prepare and motivate middle school students for Pre-AP and Advanced Placement (AP) courses in high school. This is in addition to the grade-level expectations of the Middle School English Language Arts classroom. Students have multiple opportunities to develop communication and analytical skills in an academically challenging course of study. As a preparation for Advanced Placement English courses in high school, this course adds a focus on literary analysis in reading, writing, and speaking.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

ATHLETICS

Athletics Boys 8 (#5085)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Athletics Girls 8 (#5086)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

SOCIAL STUDIES

US History 8 (#4080)

This course studies U.S. History from the early colonial period through Reconstruction. Students will learn about the physical characteristics of the U.S. and their impact on population distribution and settlement patterns in the past. Also, students will analyze economic factors that influenced the development of colonial America and the early years of the republic, as well as examine American beliefs and principles, including limited government, checks and balances, federalism, separation of powers, and individual rights. Students will evaluate the impact of Supreme Court cases and major reform movements of the 19th century.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Advanced US History 8 (#4081)

This course studies U.S. History from the early colonial period through Reconstruction. Students will learn about the physical characteristics of the U.S. and their impact on population distribution and settlement patterns in the past. Also, students will analyze economic factors that influenced the development of colonial America and the early years of the republic, as well as examine American beliefs and principles, including limited government, checks and balances, federalism, separation of powers, and individual rights. Students will evaluate the impact of Supreme Court cases and major reform movements of the 19th century. *Students enrolled in Advanced courses should expect a more rigorous class, faster pace, more in-depth classroom discussions, intensified vocabulary, an increased amount of reading and writing assignments, and the need for effective time management.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

PHYSICAL EDUCATION

PE: Lifetime Activity and Wellness 8 (#5080)

In eighth grade PE, students will be exposed to activities that support being physically active for a lifetime. Activities such as yoga, Pilates, archery, tennis, and golf will be taught. Students will also be exposed to cardio fitness training and a variety of recreational and outdoor sports. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

DANCE

Middle School Dance may be taken as an elective, or as a fulfillment of the PE requirement.

Students who wish to use Dance as an elective, should NOT enroll in this course, but should rather enroll in Dance MS 1 (#6810), Dance MS 2 (#6820), or Dance MS 3 (#6830).

Students who wish to use Dance to fulfill the PE requirement should enroll in Dance MS 1 PE (#5091), Dance MS 2 PE (#5092), or Dance MS 3 PE (#5093) listed below. These students must also choose an elective.

Note: These courses meet the requirements for middle school Physical Education. To take these courses as electives only.

Dance MS 1 PE (#5091)

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Dance MS 2 PE (#5092)

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): Dance MS 1 or Dance MS 1 PE

Semesters: 2 HS Credit (CR): 0

Dance MS 3 PE (#5093)

The third of three sequential dance courses, Dance MS 3 is designed to give students the opportunity to develop and execute advance skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): Dance MS 2 or Dance MS 2 PE

Semesters: 2 HS Credit (CR): 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Eighth Grade Electives

The courses listed in this section are available to current 7th grade students who are incoming 8th graders.

8th

ELECTIVES

Jones Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

ORCHESTRA

Beginner Orchestra (#6079)

Orchestra Beginner Level is designed to teach students how to play a violin, viola, cello, or string bass instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Orchestra concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Intermediate Orchestra (#6086)

Orchestra Intermediate Level is designed for students to continue developing music fundamentals on violin, viola, cello, and string bass instruments introduced in the beginner level class. Orchestra literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem-solving skills. Orchestra concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Orchestra

Semesters: 2 HS Credit (CR): 0

Advanced Orchestra (#6089)

Orchestra Advanced Level is designed for students to apply strong music fundamentals on violin, viola, cello, and string bass instruments to music of all styles. Students build skills at their own pace. Orchestra literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Orchestra concerts are extensive. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Orchestra

Semesters: 2 HS Credit (CR): 0

BAND

Beginner Band (#6017)

Band Beginner Level is designed to teach students how to play a woodwind, brass, or percussion instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Band concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Intermediate Band 2 (#6024)

Band Intermediate Level is designed for students to continue developing music fundamentals on woodwind, brass, and percussion instruments introduced in the beginner level class. Students build skills at their own pace. Band literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem solving skills. Band concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Band

Semesters: 2 HS Credit (CR): 0

Advanced Band 3 (#6032)

Band Advanced Level is designed for students to apply sound music fundamentals on woodwind, brass, and percussion instruments to music of all styles. Students build skills at their own pace. Band literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Students engage in multiple concerts. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Band

Semesters: 2 HS Credit (CR): 0

MARIACHI

Beginner Mariachi (#6083)

Music, Middle School 1, Instrumental Ensemble is available on only those campuses where district-approved mariachi programs are offered (Rayburn, Jones, Ross, Neff). This is a beginner level course for students to learn to play guitar, vihuela, and guitarrón only. Vocal, trumpet, and violin beginner students enroll in beginner choir, band, and orchestra classes. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Mariachi concerts allow students to develop live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Intermediate Mariachi (#6084)

This course is designed for students to build upon the mariachi fundamentals acquired previously. The course is available only at Ross, Jones, Neff, and Rayburn. Students will increase technical, musical, and expressive elements needed to perform more challenging literature in a variety of mariachi styles. This course is for intermediate level guitar, vihuela, guitarrón, vocal, trumpet, and violin students. Trumpet, violin, and vocal students should be concurrently enrolled in band, orchestra, or choir in order to continue detailed development of sound music fundamentals. Guitar, vihuela, and guitarrón students will receive this instruction during their class periods and may not be concurrently enrolled in another music class. Mariachi concerts are extensive and students earn awards for individual outstanding skill mastery.

Prerequisite (PR): Beginner Mariachi

Semesters: 2 HS Credit (CR): 0

Advanced Mariachi (#6085)

This course is designed for advanced music students to develop extensive performance skills in mariachi literature. The course is available only at Ross, Jones, Neff, and Rayburn. Performance opportunities are extensive and promote strong understanding of collaboration, expression, and creativity required for stage performance. Trumpet, violin, and vocal students should be concurrently enrolled in band, orchestra, or choir in order to continue detailed development of sound music fundamentals. Guitar, vihuela, and guitarrón students will receive this instruction during their class periods and may not be concurrently enrolled in another music class. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Mariachi

Semesters: 2 HS Credit (CR): 0



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Eighth Grade Electives

The courses listed in this section are available to current 7th grade students who are incoming 8th graders.

8th

ELECTIVES

Jones Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

CHOIR

Beginner Treble (Girls) Choir (#6401)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Beginner Tenor/Bass (Boys) Choir (#6402)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Intermediate Treble (Girls) Choir (#6411)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Treble Choir

Semesters: 2 HS Credit (CR): 0

Intermediate Tenor/Bass (Boys) Choir (#6412)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Tenor/Bass Choir

Semesters: 2 HS Credit (CR): 0

Advanced Treble (Girls) Choir (#6423)

This course is designed for students to apply strong music fundamentals developed in beginner and intermediate level courses. Students build skills at their own pace. Choir literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Students engage in multiple concerts. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Treble Choir

Semesters: 2 HS Credit (CR): 0

Advanced Tenor/Bass (Boys) Choir (#6424)

This course is designed for students to apply strong music fundamentals developed in beginner and intermediate level courses. Students build skills at their own pace. Choir literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Students engage in multiple concerts. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Tenor/Bass Choir

Semesters: 2 HS Credit (CR): 0

THEATRE

Beginner Theatre (#6609)

Beginning Theatre is an introductory theatre course designed for the student to experience the basic elements of drama. No previous theatre or drama experience is required. Beginning acting and technical theatre techniques will be explored along with the basic skills needed to create a theatrical performance.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Intermediate Theatre (#6610)

Intermediate Theatre is a more in-depth study of theatre where students continue to build upon skills learned in Theatre 1. Students are introduced to additional skills that are necessary to become a theatre artist. Dramatic structure, acting, and technical elements are expanded in both production and scene studies.

Prerequisite (PR): Beginner Theatre

Semesters: 2 HS Credit (CR): 0

Advanced Theatre (#6615)

Advanced Theatre is an advanced theatre class that requires students to enhance skills learned in Beginning and Intermediate through analysis of theatrical concepts and practices. Students engage in research, creative thinking, problem solving, and improvisation that is transferred to collaborative production.

Prerequisite (PR): Intermediate Theatre

Semesters: 2 HS Credit (CR): 0

ART

Beginner Art MS 1 (#6910)

Beginner Art MS 1 is concept-based. Curriculum units build student skills in drawing, painting, printmaking, three-dimensional art forms, fiber, and digital art. Content will include student originality and creativity.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Intermediate Art MS 2 (#6911)

Intermediate Art MS 2 is concept-based and curriculum units build student skills developed in Beginner Art MS 1. Curriculum includes drawing, painting, printmaking, three-dimensional art forms, fiber, and digital art. Development of artistic originality, creativity, and study of artists and art periods is incorporated.

Prerequisite (PR): Beginner Art MS 1

Semesters: 2 HS Credit (CR): 0

Advanced Art MS 3 (#6912)

Advanced Art MS 3 is concept-based and curriculum units build student skills developed in Intermediate Art MS 2. Curriculum includes investigation and application in the media of drawing, painting, printmaking, three-dimensional art forms, fiber, digital art and compositions of mixed media. Students work toward mastery level in originality and creativity.

Prerequisite (PR): Intermediate Art MS 2

Semesters: 2 HS Credit (CR): 0

Studio Art HS (#6914) - HS Credit

This high school credit course is designed for the middle school student who has completed Beginner Art MS 1 and Intermediate Art MS 2 and wishes to continue the study of art at a rigorous level. Students investigate and apply techniques in drawing, painting, printmaking, 3-D art forms, fiber, digital art and compositions of mixed media. Students work toward mastery level in originality and creativity. Students personalize their learning and design their curriculum to enrich peaked interest in mastery of art skills. The course is designed for students with high interest in rich art experiences.

Prerequisite (PR): Intermediate Art MS 2

Semesters: 2 HS Credit (CR): 1

Art I HS (#6913) - HS Credit

High School Art I is concept-based and is an exploratory introduction to high school art. Curriculum includes all art media to allow students to acquire a general understanding of the elements of art, principles of design and expressive qualities. Content will include problem-solving, originality, creativity, and the study of artists and art periods.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 1

Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered at the end of each semester (Fall and Spring) counting for 10% of the semester average.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Eighth Grade Electives

The courses listed in this section are available to current 7th grade students who are incoming 8th graders.

8th

ELECTIVES

Jones Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

DANCE

Middle School Dance may be taken as an elective, or as a fulfillment of the PE requirement.

Students who wish to use Dance to fulfill the PE requirement should NOT enroll in this course, but should rather enroll in Dance MS 1 PE (#5091), Dance MS 2 PE (#5092), or Dance MS 3 PE (#5093).

Students who wish to use Dance as an elective, should enroll in the courses listed below.

Note: These courses serve as an elective only. To take these courses as a substitute for PE, see the course listing.

Dance MS 1 (#6810)

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Dance MS 2 (#6820)

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities.

Prerequisite (PR): Dance MS 1 or Dance MS 1 PE

Semesters: 2 HS Credit (CR): 0

Dance MS 3 (#6830)

The third of three sequential dance courses, Dance MS 3 is designed to give students the opportunity to develop and execute advance skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities.

Prerequisite (PR): Dance MS 2 or Dance MS 2 PE

Semesters: 2 HS Credit (CR): 0

Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered at the end of each semester (Fall and Spring) counting for 10% of the semester average.

SPANISH-HS CREDIT

Spanish 1 MS (#5714) - HS Credit

This course focuses on developing speaking and listening comprehension skills. Students are exposed to basic reading and writing skills. Students are introduced to the people, their customs, and other aspects of the culture. Students have the opportunity to work in pairs and small groups to role play real-life situations using the target language.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 1

Spanish 2 MS (#5715) - HS Credit

This course continues to focus on opportunities for students to expand their speaking and listening comprehension skills and develop their reading comprehension and writing skills. Students continue to study the culture, the people, and their customs. Students will continue to role play and perform dialogues and skits in various everyday situations and topics using the target language.

Prerequisite (PR): 70 or higher in Spanish 1, or 80 or higher on the Credit-by-Exam.

Semesters: 2 HS Credit (CR): 1

Advanced Spanish 2 MS (#5732) - HS Credit

This course exceeds the Level 2 requirements by including many independent activities requiring performance in the target language. The students will continue to refine the four modes of communication by being exposed to an enriched and accelerated curriculum.

Prerequisite (PR): Recommended 90 or higher in Spanish 1, or 90 or higher on the Credit-by-Exam.

Semesters: 2 HS Credit (CR): 1

Advanced Spanish 3 MS (#5742) - HS Credit

Students continue to work towards proficiency in speaking and listening comprehension. The study of some condensed literary works will incorporate the development of reading comprehension and writing skills. Culture topics are integrated throughout the curriculum. Students will do independent, paired, and group work to allow for more creativity and the use of higher order thinking skills.

Prerequisite (PR): Recommended 80 or better in Advanced Spanish 2 or a 90 or better in Spanish 2 Regular; or a 90 or better on the Credit-by-Exam.

Semesters: 2 HS Credit (CR): 1

Spanish 4 AP MS (#5752) - HS Credit

This course will integrate the curriculum prepared by both the College Board and Northside to prepare students for the Advanced Placement Language and Culture exam. Group and independent activities will be utilized to facilitate intensive student use of the target language in all aspects of the course. Upon successfully completing the Advanced Placement exam, students may be eligible to receive several hours of college credit.

Prerequisite (PR): Recommended 80 or better in Advanced Spanish 3 or Advanced Spanish 3 Spanish Speakers.

Semesters: 2 HS Credit (CR): 1

CAREER & TECHNICAL EDUCATION



Business Management & Administration • Education & Training • Finance • Health Science • Human Services • Marketing • Agriculture, Food, & Natural Resources

PBS Future Lab 7/8 (#8800)

(Public & Business Services Related Careers)

This is a lab- and project-based course in which students will participate in experiences that model real-world industries. The goal of this course is to create a foundation for success in high school, future studies, and careers in Business, Industry, and Public Service. Career and Technical Education clusters addressed include **Agriculture, Business/Finance, Culinary, Education, Fashion, Health Science, and Marketing**. Students will research labor market information, learn job-seeking skills, and practice professional communication skills. Career and Technical Education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Principles of Human Services (#8459)

HS Credit

This is a lab- and project-based course in which students will participate in experiences that model real-world industries. Students will engage in activities to help prepare for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care services, and consumer services. Students will assess the relationship between health and wellness and personal and professional achievement. Students will study child development and identify the basic needs of children as well as caregiver guidelines that promote safe and healthy child development. Students will explore culinary arts by creating meals according to dietary guidelines and nutrition standards. Students will also engage in the fields of fashion design, interior design, counseling and mental health and family and community services through collaborative activities and real world experiences.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 1

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Eighth Grade Electives

The courses listed in this section are available to current 7th grade students who are incoming 8th graders.

8th ELECTIVES Jones Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

JOURNALISM

Journalism/Yearbook (#1702)

This course provides the study of current print and digital trends in yearbook design, layout, and publishing in order to develop and produce the school yearbook. Coursework includes gathering and analyzing information, photography, and specialized writing.

Prerequisite (PR): None

Semesters: 2 *HS Credit (CR):* 0

Journalism (#1700)

This course is designed to introduce students to mass media, advertising, marketing, and photography. Students study the basic features of journalism and newspaper and/or yearbook production, freedom and responsibility of the press, career opportunities in mass communications, and specialized writing.

Prerequisite (PR): None

Semesters: 2 *HS Credit (CR):* 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Jones
Magnet School



Northside ISD



JORDAN MAGNET SCHOOL

Multimedia and Design

Jordan Magnet Middle School offers a unique program emphasizing multimedia and design through hands-on experiences and cross-content Project Based Learning (PBL). The program aligns with Multimedia programs at Communication Arts High School as well as programming at multiple comprehensive high schools throughout NISD.

The three-year curriculum at Jordan Magnet Middle School includes unique English Language Arts and Math courses along with specialty Career and Technical Education (CTE) courses that expose students to Multimedia and Design. Magnet students will be enrolled in multiple customized courses and will have enhanced opportunities to earn high school credit while still in middle school.

Jordan Magnet School is housed on the Jordan Middle School campus using a school-within-a-school model. Students will attend their specialty Multimedia and Design-focused English Language Arts (ELA), Math and CTE courses in classrooms and labs including a multimedia studio designed to enhance the collaboration and Project-Based Learning (PBL) experiences that are key aspects of this program. The remainder of the magnet students' schedules will benefit from the high-quality learning at Jordan Middle School, including access to a wide range of electives, extracurriculars, and athletics.

Current Northside 5th graders are invited to apply for admission to Jordan Magnet school by speaking with their current campus counselor or contacting Jordan Magnet School at (210) 397-6230.

Jordan Magnet School Required Courses

6TH GRADE

Students will enroll in one course in each of the following content areas:

- Mathematics of Design 6*
- Multimedia Literacy, Storytelling and Design 6*
- Career Investigations 6*
- World Cultures 6
- Science 6
- PE/Healthy Habits

Students will select one Fine Arts elective course to fill the remainder of the school day.

7TH GRADE

Students will enroll in one course in each of the following content areas:

- Mathematics of Art & Technology 7*
- Multimedia Literacy, Persuasion and Design 7*
- Principles of Arts, Audio/Video Technology & Communications 7*
- Leadership Investigations 7*
- Texas History 7 or Advanced Texas History 7
- Science 7
- PE or Athletics

Students will select one elective course to fill the remainder of the school day.

8TH GRADE†

Students will enroll in one course in each of the following content areas:

- Adv. Algebra I in Multimedia*
- Multimedia Literacy, Expression and Design*
- Digital Media*
- Digital Art*^
- Future Investigations*†
- US History 8 or Advanced US History 8
- Science 8
- PE or Athletics

Students will select one elective course to fill the remainder of the school day.

* Specialty course offered through the Jordan MS Magnet

† Addresses the HS Speech requirement

^ This elective course is OPTIONAL for Jordan Magnet students and is not part of the required magnet programming.

‡ The Jordan Magnet School will only enroll 6th & 7th grade students for the 2026-2027 school year. Eighth grade course requirements are proposed and subject to change.



Identified GT students attending any of our Middle School Magnets will receive GT services through specialized magnet courses and curriculum. These courses and curriculum are designed to foster inquiry and challenge students to think critically, create, and conduct research to support their ideas and outcomes. All magnet courses are taught by teachers who have completed the state required GT training and will provide differentiated instruction to our GT students.



Jordan
Magnet School

Sixth Grade Required Courses

The courses listed in this section are available to current 5th grade students who are incoming 6th graders at Jordan Magnet School. Contact the magnet school counselor for course availability.

6th

REQUIRED COURSES

Jordan Magnet School

REQUIRED MAGNET COURSES

All Jordan Magnet students will enroll in each of the following:

MATH

Mathematics of Design (#2020)

This advanced course is designed to extend the Math 6th curriculum into aligned 7th-grade TEKS with an emphasis on integrating complex problem solving through the lens of numbers and operations; proportionality; expressions, equations, and relationships; and measurement and data. The students will weave knowledge and skills together by integrating principles of design thinking so that they may use mathematics as a foundation for further exploration. This course will build a foundation for the Mathematics of Art & Technology course in 7th grade.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

ENGLISH LANGUAGE ARTS

Multimedia Literacy, Storytelling and Design (#1162)

This course aims to bridge English Language Arts (ELA) content with multimedia design concepts, integrating reading, writing, and digital literacy to prepare students for both academic success and future careers in a rapidly evolving digital landscape. Students will engage in critical reading of diverse texts, including digital media, and apply their analysis skills to create visual graphics and persuasive digital content. By exploring multimedia and design topics such as visual storytelling, digital content creation, and interactive media, students will enhance their critical thinking, research, and composition skills. This comprehensive approach will empower students to become effective readers, writers, and communicators in both traditional and digital realms.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

CAREER & TECHNICAL EDUCATION

Career Investigations 6 (#8806)

This is a lab- and project-based course in which students will participate in experiences that model real-world industries with a focus on multimedia and design. This course establishes the foundation for the Multimedia pathway of courses including Arts and AV, Animation, Graphic Design, Commercial Photography and Fashion Design. The goal is to create a pathway for success in high school, future studies, and careers in multimedia. All Career and Technical Education clusters will be addressed so students have a well rounded view of all career clusters. Students will research labor market information, learn job-seeking skills, and practice professional communication skills. This course will focus on major units in arts and audio video technology, animation, graphic design, photography and fashion design. Career and Technical Education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



Arts, Audio Visual Technology and Communications

For Jones Magnet School, GT services are provided through specialized magnet courses and curriculum. See GT services at Middle School Magnet Schools page for more information.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



**Jordan
Magnet School**

Sixth Grade Required Courses

The courses listed in this section are available to current 5th grade students who are incoming 6th graders at Jordan Magnet School. Contact the magnet school counselor for course availability.

6th

REQUIRED COURSES

Jordan Magnet School

REQUIRED CORE COURSES

Students will select one Mathematics course and one Science course from the following:

SCIENCE

Science 6 (#3060)

In 6th grade Science, students investigate the natural world using scientific and engineering practices. Using appropriate tools and models, students conduct investigations to answer questions, explain phenomena, identify problems and design solutions. Students will study a variety of topics that include classification of elements, types of mixtures, density of fluids, evidence of chemical change, Newton's Third Law of Motion, energy (forms of potential energy, energy transformations, conservation of energy), cycles within Sun, Earth, and Moon systems (seasons, tides), organization of the geosphere (resource management), cells, organization of ecosystems, variation within organisms, and relationships/interactions between organisms including abiotic/biotic factors within an ecosystem.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

SOCIAL STUDIES

World Cultures 6 (#4060)

In this course, students will study people, places, and societies of the contemporary world. In addition students will study the influence of individuals and groups on historical and contemporary events in those societies and they will identify the locations and geographic characteristics of various societies. Students will learn the different ways of organizing economic and governmental systems. They will study the concepts of limited and unlimited government and describe the nature of citizenship in various societies. Students will compare institutions common to all societies such as government, education, and religious institutions. Students will also learn how the level of technology affects the development of various societies.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

PHYSICAL EDUCATION

PE and Healthy Habits are required for all 6th grade students and may not be taken in isolation.

PE: Fitness and Team Sports 6 (#5068)

In sixth grade PE, students will gain awareness and understanding of the relationship between physical activity and health while developing the knowledge and skills for both team and individual sports. There will be options throughout this one semester course for non-competitive and competitive activities. Non-competitive activities include a variety of recreational and outdoor sports such as rock climbing, lacrosse, mountain biking, and activities that promote enjoyment and success. Competitive activities will enhance skills through various activities that will provide a preview for UIL sports such as football, volleyball and basketball.

All students receiving PE credit will take a fitness assessment to determine cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 1 HS Credit (CR): 0

HEALTHY HABITS

Healthy Habits (#5020)

Healthy Habits is a one-semester course designed to empower 6th grade students to maintain and improve their health and wellness by developing skills, attitudes, and knowledge necessary to improve quality of life. Students will learn the process of goal setting and decision making as well as interpersonal communication, self-management, and self-advocacy. Students will explore how behaviors influence their health and well-being and demonstrate skill application and acquire knowledge to build and maintain a healthy lifestyle.

Prerequisite (PR): None

Semesters: 1 HS Credit (CR): 0



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Jordan
Magnet School

Sixth Grade Electives

The courses listed in this section are available to current 5th grade students who are incoming 6th graders at Jordan Magnet School.



Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

DANCE

Dance MS 1 (#6810)

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving students' technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

BAND

Beginner Band (#6017)

Band Beginner Level is designed to teach students how to play a woodwind, brass, or percussion instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Band concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

CHOIR

Beginner Treble (Girls) Choir (#6401)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Beginner Tenor/Bass (Boys) Choir (#6402)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

THEATRE

Beginner Theatre (#6609)

Beginning Theatre is an introductory theatre course designed for the student to experience the basic elements of drama. No previous theatre or drama experience is required. Beginning acting and technical theatre techniques will be explored along with the basic skills needed to create a theatrical performance.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

ART

Beginner Art MS 1 (#6910)

Beginner Art MS 1 is concept-based. Curriculum units build student skills in drawing, painting, print-making, three-dimensional art forms, fiber, and digital art. Content will include student originality and creativity.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

ORCHESTRA

Beginner Orchestra (#6079)

Orchestra Beginner Level is designed to teach students how to play a violin, viola, cello, or string bass instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Orchestra concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Orchestra for 5th Grade Strings Students

Note: Students who have successfully completed a 5th grade after-school string program may be eligible for placement in an intermediate orchestra class pending a review of the student's skill abilities by the middle school orchestra director. Parents should contact the middle school orchestra director immediately for an appointment.



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Seventh Grade Required Courses

The courses listed in this section are available to current 6th grade students who are incoming 7th graders at Jordan Magnet School.

7th

REQUIRED COURSES

Jordan Magnet School

REQUIRED MAGNET COURSES

All Jordan Magnet students will enroll in each of the following:

MATH

Mathematics of Art and Technology (#2021)

This Advanced course is designed with an emphasis on integrating complex problem-solving through the lens of numeracy, proportionality, expressions, equations, relationships, and data science. The students will weave knowledge and skills together by integrating principles of design in arts and technology so that they may use mathematics as a foundation for further exploration. This course will build a foundation for the Adv. Algebra I in the Multimedia course in 8th grade. **Students enrolled in this course will take STAAR Math 7.**

Prerequisite (PR): Mathematics of Design
Semesters: 2 HS Credit (CR): 0

ENGLISH LANGUAGE ARTS

Multimedia Literacy, Persuasion & Design 7 (#1163)

This course bridges English Language Arts (ELA) with multimedia design, integrating reading, writing, research, and digital literacy. Students will critically read a variety of texts, including fiction, nonfiction, and digital media, to analyze themes, structure, and author's purpose. Through hands-on projects, students will develop skills in narrative, expository, and persuasive writing while creating visual graphics and digital content that align with their written work. Research skills will be honed as students gather evidence, evaluate sources, and present their findings using both traditional and digital formats. By focusing on critical thinking, composition, and media literacy, this course equips students to become skilled communicators in the classroom and the digital world.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

CAREER & TECHNICAL EDUCATION

Leadership Investigations 7 (#8812)

Students will become familiar with different ways of exercising leadership in their lives. They will learn and apply leadership skills in a hands-on practical way that encourages them to challenge their own beliefs and assumptions about what constitutes leadership. This course offers a comprehensive review of contemporary issues and perspectives on leadership. Topics include development of leadership theories, personal assessment and development, values and goals, motivation, followership, group dynamics, multiculturalism in leadership, conflict resolution, performance excellence, and the change process. This course is based on the premise that each student will face a variety of leadership challenges in life. How these challenges are met, whether as a formal leader or a member of a team, can have a significant impact on an organization and on one's life.

- Learning Agility
- Community Service
- Global Citizenship
- Global Communicator
- Self Awareness
- Integrity & Digital Citizenship
- Cross Cultural
- Service Occupations

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Principles of Principles of Arts, Audio/Video Technology & Communications (#8193)

Students will apply professional communications strategies in a variety of platforms. Students will use technology applications when completing multimedia projects and processes, while focusing on careers in designing, producing, exhibiting, performing, writing, and publishing content including visual and performing arts and design, journalism, and entertainment services. Utilizing lab facilities modeled after real-world studios, students will explore and examine problem-solving methods as it relates to multimedia careers.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Arts, Audio Visual Technology and Communications



For Jordan Magnet School, GT services are provided through specialized magnet courses and curriculum. See GT services at Middle School Magnet Schools page for more information.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered at the end of each semester (Fall and Spring) counting for 10% of the semester average.



Jordan
Magnet School

Seventh Grade Required Courses

The courses listed in this section are available to current 6th grade students who are incoming 7th graders at Jordan Magnet School. Contact the magnet school counselor for course availability.

7th

REQUIRED COURSES

Jordan Magnet School

SOCIAL STUDIES

Texas History 7 (#4070)

In 7th grade Texas History, students study the history of Texas from early times to the present. Students will learn about the regions of Texas and the distribution of population within and among the regions. They will also study the factors that caused Texas to change from an agrarian to an urban society. Students will learn about the structure and functions of municipal, county, and state governments, explain the influence of the U.S. Constitution on the Texas Constitution, and examine the rights and responsibilities of Texas citizens.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Advanced Texas History 7 (#4071)

In 7th grade Texas History, students study the history of Texas from early times to the present. Students will learn about the regions of Texas and the distribution of population within and among the regions. They will also study the factors that caused Texas to change from an agrarian to an urban society. Students will learn about the structure and functions of municipal, county, and state governments, explain the influence of the U.S. Constitution on the Texas Constitution, and examine the rights and responsibilities of Texas citizens. *Students enrolled in Advanced courses should expect a more rigorous class, faster pace, more in-depth classroom discussions, intensified vocabulary, an increased amount of reading and writing assignments, and the need for effective time management.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

SCIENCE

Science 7 (#3070)

In 7th grade Science, students investigate the natural world using scientific and engineering practices. Using appropriate tools and models, students conduct investigations to answer questions, explain phenomena, identify problems and design solutions. Students will study a variety of topics that include investigation of elements and compounds, exploration of aqueous solutions, forces (impact on linear motion), Newton's First Law of Motion, average kinetic energy (temperature), transfer of thermal energy (conduction, convection, radiation), solar system (components and organization), role of gravity, characteristics of Earth that allow life to exist, Earth's changing features (tectonic movement), human affect and dependence on the hydrosphere, main functions of organs, inherited traits, natural/artificial selection, flow of energy through trophic levels, biodiversity and sustainability, and taxonomic classifications.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Advanced Science 7 (#3071)

In 7th grade Science, students investigate the natural world using scientific and engineering practices. Using appropriate tools and models, students conduct investigations to answer questions, explain phenomena, identify problems and design solutions. Students will study a variety of topics that include investigation of elements and compounds, exploration of aqueous solutions, forces (impact on linear motion), Newton's First Law of Motion, average kinetic energy (temperature), transfer of thermal energy (conduction, convection, radiation), solar system (components and organization), role of gravity, characteristics of Earth that allow life to exist, Earth's changing features (tectonic movement), human affect and dependence on the hydrosphere, main functions of organs, inherited traits, natural/artificial selection, flow of energy through trophic levels, biodiversity and sustainability, and taxonomic classifications. Required components of an Advanced Course include observations, analysis of data in the form of text and images, evidence-based writing, higher-order questioning, and academic conversation

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

ATHLETICS

Athletics Boys 7 (#5072)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Athletics Girls 7 (#5076)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

PHYSICAL EDUCATION

PE: Movement and Lifetime Fitness 7 (#5070)

In seventh grade PE, students will learn to apply movement concepts to a variety of activities such as spinning, recreational volleyball, and soccer. Students will also be exposed to a variety of recreational and lifetime sports such as circuit and fitness training, archery, and mountain biking. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Middle School Dance may be taken as an elective, or as a fulfillment of the PE requirement.

Students who wish to use MS Dance as an elective, should NOT enroll in this course, but should rather enroll in Dance MS 1 (#6810) or Dance MS 2 (#6820).

Students who wish to use MS Dance to fulfill the PE requirement should enroll in Dance MS 1 PE (#5091) or Dance MS 2 PE (#5092) listed below. These students must also choose electives.

Note: These courses meet the middle school Physical Education requirements. To take these course as electives only.

Dance MS 1 PE (#5091)

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving students' technique, self-confidence, creative ability and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Dance MS 2 PE (#5092)

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving students' technique, self-confidence, creative ability and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): Dance MS 1 or Dance MS 1 PE

Semesters: 2 HS Credit (CR): 0



Jordan
Magnet School

Seventh Grade Electives

The courses listed in this section are available to current 6th grade students who are incoming 7th graders.

7th

ELECTIVES

Jordan Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

ORCHESTRA

Beginner Orchestra (#6079)

Orchestra Beginner Level is designed to teach students how to play a violin, viola, cello, or string bass instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Orchestra concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Orchestra (#6086)

Orchestra Intermediate Level is designed for students to continue developing music fundamentals on violin, viola, cello, and string bass instruments introduced in the beginner level class. Orchestra literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem-solving skills. Orchestra concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Orchestra
Semesters: 2 HS Credit (CR): 0

Advanced Orchestra (#6089)

Orchestra Advanced Level is designed for students to apply strong music fundamentals on violin, viola, cello, and string bass instruments to music of all styles. Students build skills at their own pace. Orchestra literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Orchestra concerts are extensive. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Orchestra
Semesters: 2 HS Credit (CR): 0

Chamber Ensemble 1 (#6087)

This course is designed for string students at an intermediate or advanced level to explore various applications of string performance in "non-traditional" ensembles and literature. Students connect unique string applications to various cultures and music genres. Student inquiry, exploration, and innovation is developed. Students participating in this course are concurrently enrolled in choir class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Intermediate or Advanced Orchestra
Semesters: 2 HS Credit (CR): 0

BAND

Beginner Band (#6017)

Band Beginner Level is designed to teach students how to play a woodwind, brass, or percussion instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Band concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Band 2 (#6024)

Band Intermediate Level is designed for students to continue developing music fundamentals on woodwind, brass, and percussion instruments introduced in the beginner level class. Students build skills at their own pace. Band literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem solving skills. Band concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Band
Semesters: 2 HS Credit (CR): 0

Jazz Band 1 (#6081)

This course is designed for intermediate or advanced level students interested in an enrichment opportunity to learn how to play jazz literature. All jazz styles and genres of music are explored and an introduction to improvisation is provided. No prior knowledge of jazz is required. Students participating in this course are concurrently enrolled in band class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Intermediate or Advanced Band
Semesters: 2 HS Credit (CR): 0

Band Cultural Ensemble 1 (#6018)

This course is designed as an enrichment opportunity for intermediate or advanced level music students to study and perform in "non-traditional" ensembles other than jazz. World cultures and music applications in steel drums and "world drumming groups" are included in this course.

Prerequisite (PR): Concurrent Enrollment in Intermediate or Advanced Band
Semesters: 2 HS Credit (CR): 0

CHOIR

Beginner Treble (Girls) Choir (#6401)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Beginner Tenor/Bass (Boys) Choir (#6402)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Treble (Girls) Choir (#6411)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Treble Choir
Semesters: 2 HS Credit (CR): 0

Intermediate Tenor/Bass (Boys) Choir (#6412)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

Vocal Ensemble 1 (#6404)

This course is designed for students interested in exploring various "non-traditional" or diverse styles of vocal music in smaller ensemble settings such as vocal jazz ensembles, madrigals, and show choirs. Concerts are varied and extensive to allow students opportunities to develop stage performance skills. Students participating in this course are concurrently enrolled in choir class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Intermediate or Advanced Treble or Tenor/Bass Choir

Semesters: 2 HS Credit (CR): 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Jordan
Magnet School

Seventh Grade Electives

The courses listed in this section are available to current 6th grade students who are incoming 7th graders.

7th

ELECTIVES

Jordan Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

DANCE

Middle School Dance may be taken as an elective or as a fulfillment of the PE requirement.

Students who wish to use Dance to fulfill the PE requirement should NOT enroll in this course, but should rather enroll in Dance MS 1 PE (#5091) or Dance MS 2 PE (#5092).

Students who wish to use Dance as an elective should enroll in the courses listed below.

Note: This course serves as an elective only. To take this course as a substitute for PE.

Dance MS 1 (#6810)

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Dance MS 2 (#6820)

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): Dance MS 1

Semesters: 2 HS Credit (CR): 0

THEATRE

Beginner Theatre (#6609)

Beginning Theatre is an introductory theatre course designed for the student to experience the basic elements of drama. No previous theatre or drama experience is required. Beginning acting and technical theatre techniques will be explored along with the basic skills needed to create a theatrical performance.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Intermediate Theatre (#6610)

Intermediate Theatre is a more in-depth study of theatre where students continue to build upon skills learned in Theatre 1. Students are introduced to additional skills that are necessary to become a theatre artist. Dramatic structure, acting, and technical elements are expanded in both production and scene studies.

Prerequisite (PR): Beginner Theatre

Semesters: 2 HS Credit (CR): 0

ART

Beginner Art MS 1 (#6910)

Beginner Art MS 1 is concept-based. Curriculum units build student skills in drawing, painting, printmaking, fiber art, three-dimensional art forms, and digital art. Content will include student originality and creativity.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Intermediate Art MS 2 (#6911)

Intermediate Art MS 2 is concept-based and curriculum units build student skills developed in Beginner Art 1. Curriculum includes drawing, painting, printmaking, fiber art, three-dimensional art forms, and digital art. Development of artistic originality, creativity, and study of artists and art periods is incorporated.

Prerequisite (PR): Beginner Art MS 1

Semesters: 2 HS Credit (CR): 0

SPANISH-HS CREDIT

Spanish 1 MS (#5714) - HS Credit

This course focuses on developing speaking and listening comprehension skills. Students are exposed to basic reading and writing skills. Students are introduced to the people, their customs, and other aspects of the culture. Students have the opportunity to work in pairs and small groups to role play real-life situations using the target language.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 1

Spanish 2 MS (#5715) - HS Credit

This course continues to focus on opportunities for students to expand their speaking and listening comprehension skills and develop their reading comprehension and writing skills. Students continue to study the culture, the people, and their customs. Students will continue to role play and perform dialogues and skits in various everyday situations and topics using the target language.

Prerequisite (PR): 70 or higher in Spanish 1, or 80 or higher on the Credit-by-Exam.

Semesters: 2 HS Credit (CR): 1



Jordan
Magnet School

Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered at the end of each semester (Fall and Spring) counting for 10% of the semester average.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Seventh Grade Electives

The courses listed in this section are available to current 6th grade students who are incoming 7th graders.

7th

ELECTIVES

Jordan Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

CAREER & TECHNICAL EDUCATION



Business Management & Administration • Education & Training • Finance • Health Science • Human Services • Marketing • Agriculture, Food, & Natural Resources

PBS Future Lab 7/8 (#8800)

(Public & Business Services Related Careers)

This is a lab- and project-based course in which students will participate in experiences that model real-world industries. The goal of this course is to create a foundation for success in high school, future studies, and careers in Business, Industry, and Public Service. Career and Technical Education clusters addressed include **Agriculture, Business/Finance, Culinary, Education, Fashion, Health Science, and Marketing**. Students will research labor market information, learn job-seeking skills, and practice professional communication skills. Career and Technical Education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

STEM Future Lab 7/8 (#8810)

(Science, Technology, Engineering, and Math Related Careers)

This is a lab- and project-based course in which students will participate in experiences that model real-world industries. The goal of this course is to create a



Arts, A/V Technology & Communications • Information Technology • Law, Public Safety, Corrections & Security • Manufacturing • Science, Technology, Engineering & Mathematics • Transportation, Distribution & Logistics • Architecture & Construction

foundation for success in high school, future studies, and careers in Science, Technology, Engineering, and Math. Career and Technical Education clusters addressed include **Architecture, Arts & Audio Video, Construction, Engineering, Information Technology (Cyber), Law (Forensics), Manufacturing, and Transportation (Automotive)**. Students will research labor market information, learn job-seeking skills, and practice professional communication skills. Career and Technical Education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Jordan
Magnet School



STINSON MAGNET SCHOOL

Exercise Science and Sports Medicine

Stinson Magnet Middle School offers a specialized program in Exercise Science and Sports Medicine that emphasizes hands-on learning and cross-content Project-Based Learning (PBL). Coursework is aligned with Exercise Science programs at NISD high school magnets and comprehensive campuses, ensuring a strong pathway from middle to high school.

The three-year program includes customized English Language Arts (ELA) and Science courses, along with Career and Technical Education (CTE) classes designed to immerse students in the field. Magnet students also have multiple opportunities to earn high school credit while still in middle school.

The program is housed on the Stinson Middle School campus using a school-within-a-school model. Magnet students take their ELA, Science, and CTE courses in dedicated classrooms and specialized spaces, including a physical therapy lab designed to foster collaboration and PBL experiences. The remainder of their schedule includes core courses with peers across the campus, as well as access to a wide range of electives and extracurricular activities, including athletics for 7th and 8th graders.

Stinson Magnet School Required Courses

6TH GRADE	7TH GRADE†	8TH GRADE†
<p>Students will enroll in one course in each of the following content areas:</p> <ul style="list-style-type: none"> Power of Language & Form 6* Exploring Structures & Function 6 * Career Investigations 6* World Cultures 6 Math 6 or Advanced Math 6 PE/Healthy Habits <p>Students will select one Fine Arts elective course to fill the remainder of the school day.</p>	<p>Students will enroll in one course in each of the following content areas:</p> <ul style="list-style-type: none"> Dynamics of Language & Ideas 7* Exploring System Interactions 7* Principles of Exercise and Wellness 7 * Leadership Investigations 7* Texas History 7 or Advanced Texas History 7 Math 7 or Advanced Math 7 PE or Athletics <p>Students will select one elective course to fill the remainder of the school day.</p>	<p>Students will enroll in one course in each of the following content areas:</p> <ul style="list-style-type: none"> Impact of Language and Purpose 8* Exploring System Integration 8* Principles of Health Science 8 *^ Future Investigations*† US History 8 or Advanced US History 8 Pre-Algebra or Advanced MS Algebra I PE or Athletics <p>Students will select one elective course to fill the remainder of the school day.</p>

* Specialty course offered through the Stinson MS Magnet

† Addresses the HS Speech requirement

^ Addresses health requirement for NISD graduation.

‡ The Stinson Magnet School will only enroll 6th grade students for the 2026-2027 school year. Seventh and eighth grade course requirements are proposed and subject to change.



Identified GT students attending any of our Middle School Magnets will receive GT services through specialized magnet courses and curriculum. These courses and curriculum are designed to foster inquiry and challenge students to think critically, create, and conduct research to support their ideas and outcomes. All magnet courses are taught by teachers who have completed the state required GT training and will provide differentiated instruction to our GT students.

Sixth Grade Required Courses

The courses listed in this section are available to current 5th grade students who are incoming 6th graders at Stinson Magnet School. Contact the magnet school counselor for course availability.

6th

REQUIRED COURSES

Stinson Magnet School

REQUIRED MAGNET COURSES

All Stinson Magnet students will enroll in each of the following:

SCIENCE

Exploring Structures & Function (#3066)

This course is designed to explore 6th grade science concepts through the lens of Exercise and Sports Medicine, emphasizing the interconnected roles of structure and function. Students will study a variety of topics that include classification of elements, types of mixtures, density of fluids, evidence of chemical change, Newton's Third Law of Motion, energy (forms of potential energy, energy transformations, conservation of energy), cycles within Sun, Earth, and Moon systems (seasons, tides), organization of the geosphere (resource management), cells, organization of ecosystems, variation within organisms, and relationships/interactions between organisms including abiotic/biotic factors within an ecosystem. Students will employ scientific inquiry and engineering practices to design, analyze, and propose solutions as well as utilize Gifted and Talented learning strategies, such as depth and complexity, to foster critical thinking and deeper understanding preparing them for System Interactions Science 7 course.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

ENGLISH LANGUAGE ARTS

Power of Language & Form (#1056)

This course explores how structure gives language its strength and form. Students will read fiction, nonfiction, and media texts that reveal how writers build ideas, organize information, and craft stories that endure. Students will read and write stories of resilience and perseverance, where people and characters grow through movement and challenge. Research and media literacy skills are introduced as students investigate topics related to health, science, and sports, creating projects that show how the form of language can shape powerful ideas.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

CAREER & TECHNICAL EDUCATION

Career Investigations 6 (#8806)

This is a lab- and project-based course in which students will participate in experiences that model real-world industries with a focus on multimedia and design. This course establishes the foundation for the Multimedia pathway of courses including Arts and AV, Animation, Graphic Design, Commercial Photography and Fashion Design. The goal is to create a pathway for success in high school, future studies, and careers in multimedia. All Career and Technical Education clusters will be addressed so students have a well rounded view of all career clusters. Students will research labor market information, learn job-seeking skills, and practice professional communication skills. This course will focus on major units in arts and audio video technology, animation, graphic design, photography and fashion design. Career and Technical Education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



For Stinson Magnet School, GT services are provided through specialized magnet courses and curriculum. See GT services at Middle School Magnet Schools page for more information.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



**Stinson
Magnet School**

Sixth Grade Required Courses

The courses listed in this section are available to current 5th grade students who are incoming 6th graders at Stinson Magnet School. Contact the magnet school counselor for course availability.

6th

REQUIRED COURSES

Stinson Magnet School

REQUIRED COURSES

Students will select one Mathematics course and one Social Studies course from the following:

MATHEMATICS

Math 6 (#2060)

The purpose of this course is to provide a foundation for students to solve problems using numbers and operations, proportionality, expressions, equations, relationships, and measurement and data. The students will utilize process standards to weave knowledge and skills together to be successful problem solvers and use mathematics efficiently and effectively in daily life.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Advanced Math 6 (#2062)

Note: Select this course if you would like your student to enroll in Advanced Math Algebra I in 8th grade.

The primary focal areas in this course are numeracy, proportionality, expressions, equations, relationships, and data science. The students will utilize process standards to weave knowledge and skills together to be successful problem solvers and use mathematics efficiently and effectively in daily life. This course will build a foundation for the Advanced Math 7 course. Students enrolled in this course will take STAAR Math 6. This course is designed to extend the 6th Math curriculum into aligned 7th grade TEKS, emphasizing complex problem solving through the lens of numbers and operations, proportionality, expressions, equations, relationships, and measurement and data. The students will utilize process standards to weave knowledge and skills together to be successful problem solvers and use mathematics efficiently and effectively in daily life. This course will build a foundation for the Advanced Math 7 course. Students enrolled in this course will take STAAR Math 6.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

SOCIAL STUDIES

World Cultures 6 (#4060)

In this course, students will study people, places, and societies of the contemporary world. In addition students will study the influence of individuals and groups on historical and contemporary events in those societies and they will identify the locations and geographic characteristics of various societies. Students will learn the different ways of organizing economic and governmental systems. They will study the concepts of limited and unlimited government and describe the nature of citizenship in various societies. Students will compare institutions common to all societies such as government, education, and religious institutions. Students will also learn how the level of technology affects the development of various societies.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

PHYSICAL EDUCATION

PE and Healthy Habits are required for all 6th grade students and may not be taken in isolation.

PE: Fitness and Team Sports 6 (#5068)

In sixth grade PE, students will gain awareness and understanding of the relationship between physical activity and health while developing the knowledge and skills for both team and individual sports. There will be options throughout this one semester course for non-competitive and competitive activities. Non-competitive activities include a variety of recreational and outdoor sports such as rock climbing, lacrosse, mountain biking, and activities that promote enjoyment and success. Competitive activities will enhance skills through various activities that will provide a preview for UIL sports such as football, volleyball and basketball.

All students receiving PE credit will take a fitness assessment to determine cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 1 HS Credit (CR): 0

HEALTHY HABITS

Healthy Habits (#5020)

Healthy Habits is a one-semester course designed to empower 6th grade students to maintain and improve their health and wellness by developing skills, attitudes, and knowledge necessary to improve quality of life. Students will learn the process of goal setting and decision making as well as interpersonal communication, self-management, and self-advocacy. Students will explore how behaviors influence their health and well-being and demonstrate skill application and acquire knowledge to build and maintain a healthy lifestyle.

Prerequisite (PR): None

Semesters: 1 HS Credit (CR): 0



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Stinson
Magnet School

Sixth Grade Electives

The courses listed in this section are available to current 5th grade students who are incoming 6th graders at Stinson Magnet School.



Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

DANCE

Dance MS 1 (#6810)

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving students' technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

BAND

Beginner Band (#6017)

Band Beginner Level is designed to teach students how to play a woodwind, brass, or percussion instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Band concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

CHOIR

Beginner Treble (Girls) Choir (#6401)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Beginner Tenor/Bass (Boys) Choir (#6402)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

THEATRE

Beginner Theatre (#6609)

Beginning Theatre is an introductory theatre course designed for the student to experience the basic elements of drama. No previous theatre or drama experience is required. Beginning acting and technical theatre techniques will be explored along with the basic skills needed to create a theatrical performance.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

ART

Beginner Art MS 1 (#6910)

Beginner Art MS 1 is concept-based. Curriculum units build student skills in drawing, painting, print-making, three-dimensional art forms, fiber, and digital art. Content will include student originality and creativity.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

ORCHESTRA

Beginner Orchestra (#6079)

Orchestra Beginner Level is designed to teach students how to play a violin, viola, cello, or string bass instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Orchestra concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Orchestra for 5th Grade Strings Students

Note: Students who have successfully completed a 5th grade after-school string program may be eligible for placement in an intermediate orchestra class pending a review of the student's skill abilities by the middle school orchestra director. Parents should contact the middle school orchestra director immediately for an appointment.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



ZACHRY MAGNET SCHOOL

Global Communications • Cybersecurity • Information Technology

Zachry Magnet School offers a unique program of study focused on Global Communications, Cybersecurity, and Information Technology. The Zachry Magnet School program of study prepares students with a global perspective of our community and the ever-changing world of technology and cybersecurity. Exclusive to Zachry Magnet school, the core curriculum will align with the Career and Technology Education (CTE) courses in Global Communications, Cybersecurity and Information Technology. The three-year curriculum specifically designed for our program include CTE, English Language Arts (ELA), and Social Studies with a strong Project Based Learning (PBL) component.

Our CTE courses include Career and Leadership Investigations, Principles of Information Technology, Professional Communications, and Fundamentals of Computer Science. These courses will focus on the career pathways of the magnet school and expose students to the high school programs of study in Cybersecurity and Web Development. Students will study contemporary issues and perspectives on leadership while enhancing their skills in computer literacy and emerging technologies in the global marketplace.

The English Language Arts (ELA) courses include Global Literacy: Multicultural Literature, Cross-Cultural Perspectives, and Inquiry and Discovery. Students will focus on connecting with characters in literature or with real people across the world, study how information is exchanged and emphasize the inquiry process in the contexts of interests and future careers.

The unique Social Studies courses are just as innovative as ELA and CTE courses. Students will study people, places, and societies of the contemporary world. Understanding the importance of global perspectives and civic virtues of political, social, economic, and geographic dynamics of communities, students will examine the influence of individuals and groups as well as identify the technological impact on various societies.

The remainder of the magnet students' schedules will benefit from the high-quality learning at Zachry Middle School, including access to a wide range of elective, extracurriculars, and athletics.

Current Northside 5th graders are invited to apply for 6th grade admission, and current 6th graders are invited to apply for 7th grade admission to Zachry Magnet School by speaking with their current campus counselor or contacting Zachry Magnet School at (210) 397-7490.

Zachry Magnet School Required Courses

6TH GRADE	7TH GRADE	8TH GRADE
Students will enroll in one course in each of the following content areas:	Students will enroll in one course in each of the following content areas:	Students will enroll in one course in each of the following content areas:
Global Literacy I: Multicultural Literature* Cultures and Global Communications* Career Investigations 6* Science 6 Math 6 or Advanced Math 6 PE/Healthy Habits	Global Literacy II: Cross-Cultural Perspectives* Texas & Global Communications* Principles of Information Technology 7* Leadership Investigations 7* Science 7 Math 7 or Advanced Math 7 PE or Athletics	Global Literacy III: Inquiry and Discovery** The US & Global Communications* Future Investigations** Fundamentals of Computer Science* Science 8 Pre-Algebra or Advanced MS Algebra I PE or Athletics
Students will select one Fine Arts elective course to fill the remainder of the school day.	Students will select one elective course to fill the remainder of the school day.	Students will select one elective course to fill the remainder of the school day.

* Specialty course offered through the Zachry MS Magnet

† Addresses the HS Speech requirement



Identified GT students attending any of our Middle School Magnets will receive GT services through specialized magnet courses and curriculum. These courses and curriculum are designed to foster inquiry and challenge students to think critically, create, and conduct research to support their ideas and outcomes. All magnet courses are taught by teachers who have completed the state required GT training and will provide differentiated instruction to our GT students.

Sixth Grade Required Courses

The courses listed in this section are available to current 5th grade students who are incoming 6th graders at Zachry Magnet School. Contact the magnet school counselor for course availability.

6th

REQUIRED COURSES

Zachry Magnet School

REQUIRED MAGNET COURSES

All Zachry Magnet students will enroll in each of the following:

ENGLISH LANGUAGE ARTS

Global Literacy I: Multicultural Literature (#1062)

Multicultural literature enables students to gain a deeper understanding of both their own culture and the cultures of others. Connecting with characters in literature or with real people across the world provides opportunities to help us understand who we are today. Through the study of diverse cultures and backgrounds, and engaging in Gifted and Talented learning strategies such as depth and complexity, creative problem solving, and critical thinking, students will gain an awareness of the various social practices, values, and belief systems of other cultures. Students will reflect upon and critically analyze current cultural issues and develop global awareness.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

SOCIAL STUDIES

Cultures & Global Communications (#4067)

This course is designed to explore 6th grade World Cultures concepts as they relate to global communication, cybersecurity and information technology. Students will blend skills learned in social studies, ELA and technology together and engage in Gifted and Talented learning strategies such as depth and complexity, creative problem solving, and critical thinking. The content in this course includes a variety of topics such as the study of people, places and societies of the contemporary world. Students will study the influence of individuals and groups on historical and contemporary events. They will identify locations and geographic features of various societies. Students will learn the different ways of organizing economies and government systems. They will compare various institutions common to all societies and learn how the level of technology affects development of various societies.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

CAREER & TECHNICAL EDUCATION

Career Investigations 6 (#8806)

In this lab and project-based course, students will participate in experiences that model real world industries with a focus on Global Communications, Cybersecurity, and Information Technology. This course establishes the foundation for the Cybersecurity pathway of courses. The goal is to create a pathway for success in high school, future studies, and careers in Global Communications, Cybersecurity, and Information Technology. All Career and Technical Education clusters will be addressed so students have a well-rounded view of all career clusters. The students will research labor market information, learn job-seeking skills, and practice professional communication skills. Major units on Global Communications, Cybersecurity, and Information Technology will be the focus of this course. Career and Technical Education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



Science, Technology, Engineering & Mathematics • Information Technology



For Zachry Magnet School, GT services are provided through specialized magnet courses and curriculum. See GT services at Middle School Magnet Schools page for more information.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Sixth Grade Required Courses

The courses listed in this section are available to current 5th grade students who are incoming 6th graders at Zachry Magnet School. Contact the magnet school counselor for course availability.

6th

REQUIRED COURSES

Zachry Magnet School

REQUIRED COURSES

Students will select one Mathematics course and one Science course from the following:

MATHEMATICS

Math 6 (#2060)

The purpose of this course is to provide a foundation for students to solve problems using number and operations; proportionality; expressions, equations, and relationships; and measurement and data. The students will utilize process standards in order to weave knowledge and skills together so that they may be successful problem solvers and use mathematics efficiently and effectively in daily life.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Advanced Math 6 (#2062)

Note: Select this course if you would like your student to enroll in Advanced Math Algebra I in 8th grade.

The primary focal areas in this course are numeracy, proportionality, expressions, equations, relationships, and data science. The students will utilize process standards to weave knowledge and skills together to be successful problem solvers and use mathematics efficiently and effectively in daily life. This course will build a foundation for the Advanced Math 7 course. Students enrolled in this course will take STAAR Math 6. This course is designed to extend the 6th Math curriculum into aligned 7th grade TEKS, emphasizing complex problem solving through the lens of numbers and operations, proportionality, expressions, equations, relationships, and measurement and data. The students will utilize process standards to weave knowledge and skills together to be successful problem solvers and use mathematics efficiently and effectively in daily life. This course will build a foundation for the Advanced Math 7 course. Students enrolled in this course will take STAAR Math 6.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

SCIENCE

Science 6 (#3060)

In 6th grade Science, students investigate the natural world using scientific and engineering practices. Using appropriate tools and models, students conduct investigations to answer questions, explain phenomena, identify problems and design solutions. Students will study a variety of topics that include classification of elements, types of mixtures, density of fluids, evidence of chemical change, Newton's Third Law of Motion, energy (forms of potential energy, energy transformations, conservation of energy), cycles within Sun, Earth, and Moon systems (seasons, tides), organization of the geosphere (resource management), cells, organization of ecosystems, variation within organisms, and relationships/interactions between organisms including abiotic/biotic factors within an ecosystem.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



PE and Healthy Habits are required for all 6th grade students and may not be taken in isolation.

PHYSICAL EDUCATION

PE: Fitness and Team Sports 6 (#5068)

In sixth grade PE, students will gain awareness and understanding of the relationship between physical activity and health while developing the knowledge and skills for both team and individual sports. There will be options throughout this one semester course for non-competitive and competitive activities. Non-competitive activities include a variety of recreational and outdoor sports such as rock climbing, lacrosse, mountain biking, and activities that promote enjoyment and success. Competitive activities will enhance skills through various activities that will provide a preview for UIL sports such as football, volleyball and basketball.

All students receiving PE credit will take a fitness assessment to determine cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 1 HS Credit (CR): 0

HEALTHY HABITS

Healthy Habits (#5020)

Healthy Habits is a one-semester course designed to empower 6th grade students to maintain and improve their health and wellness by developing skills, attitudes, and knowledge necessary to improve quality of life. Students will learn the process of goal setting and decision making as well as interpersonal communication, self-management, and self-advocacy. Students will explore how behaviors influence their health and well-being and demonstrate skill application and acquire knowledge to build and maintain a healthy lifestyle.

Prerequisite (PR): None

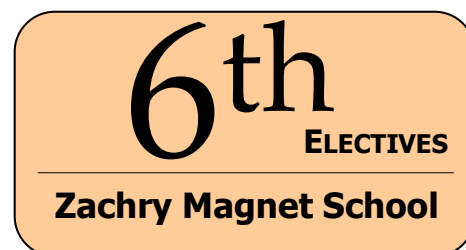
Semesters: 1 HS Credit (CR): 0



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Sixth Grade Electives

The courses listed in this section are available to current 5th grade students who are incoming 6th graders at Zachry Magnet School.



Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

DANCE

Dance MS 1 (#6810)

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving students' technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

BAND

Beginner Band (#6017)

Band Beginner Level is designed to teach students how to play a woodwind, brass, or percussion instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Band concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

CHOIR

Beginner Treble (Girls) Choir (#6401)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Beginner Tenor/Bass (Boys) Choir (#6402)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

THEATRE

Beginner Theatre (#6609)

Beginning Theatre is an introductory theatre course designed for the student to experience the basic elements of drama. No previous theatre or drama experience is required. Beginning acting and technical theatre techniques will be explored along with the basic skills needed to create a theatrical performance.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

ART

Beginner Art MS 1 (#6910)

Beginner Art MS 1 is concept-based. Curriculum units build student skills in drawing, painting, printmaking, three-dimensional art forms, fiber, and digital art. Content will include student originality and creativity.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

ORCHESTRA

Beginner Orchestra (#6079)

Orchestra Beginner Level is designed to teach students how to play a violin, viola, cello, or string bass instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Orchestra concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Orchestra for 5th Grade Strings Students

Note: Students who have successfully completed a 5th grade after-school string program may be eligible for placement in an intermediate orchestra class pending a review of the student's skill abilities by the middle school orchestra director. Parents should contact the middle school orchestra director



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Seventh Grade Required Courses

The courses listed in this section are available to current 6th grade students who are incoming 7th graders at Zachry Magnet School.

7th

REQUIRED COURSES

Zachry Magnet School

REQUIRED MAGNET COURSES

All Zachry Magnet students will enroll in each of the following:

ENGLISH LANGUAGE ARTS

Global Literacy II:

Cross Cultural Perspectives (#1096)

Students will be introduced to the study of global communication and will examine how information is exchanged across the world, verbally and non-verbally, as well as face-to-face. Global communication can include speeches, news stories, advertisements, books and traditional print publications, and social media. Students will also engage in Gifted and Talented learning strategies such as depth and complexity, creative problem solving, and critical thinking while studying multiple perspectives and making connections that will enhance their communication and interpersonal skills.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

SOCIAL STUDIES

Texas & Global Communications (#4068)

This course is designed to explore 7th grade Texas History concepts as they relate to global communication, cybersecurity and information technology. Students will blend skills learned in social studies, ELA and technology together and engage in Gifted and Talented learning strategies such as depth and complexity, creative problem solving, and critical thinking. The content in this course includes a variety of topics such as the political, social, economic and geographic study of the history of Texas. Students will identify the different regions of Texas and study the population distribution within and among these regions. They will learn about the structure and function of municipal, county and state governments, compare the U.S. and Texas Constitutions, and examine the rights and responsibilities of Texas citizens.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

CAREER & TECHNICAL EDUCATION

Leadership Investigations 7 (#8812)

Students will become familiar with different ways of exercising leadership in their lives. They will learn and apply leadership skills in a hands-on practical way that encourages them to challenge their own beliefs and assumptions about what constitutes leadership. This course offers a comprehensive review of contemporary issues and perspectives on leadership. Topics include development of leadership theories, personal assessment and development, values and goals, motivation, followership, group dynamics, multiculturalism in leadership, conflict resolution, performance excellence, and the change process. This course is based on the premise that each student will face a variety of leadership challenges in life. How these challenges are met, whether as a formal leader or a member of a team, can have a significant impact on an organization and on one's life.

- Learning Agility
- Community Service
- Global Citizenship
- Global Communicator
- Self Awareness
- Integrity & Digital Citizenship
- Cross Cultural
- Service Occupations

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Principles of Information

Technology 7 (#8815)

Students will develop computer literacy skills which will enable them to adapt to emerging technologies used in the global marketplace and the field of cybersecurity. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment, specifically in cybersecurity. Units exploring the challenges facing information security professionals related to ethics, system security, network security, and application security will be presented. Students will enhance reading, writing, computing, communication, and reasoning skills and apply them to the global information technology environment.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 1



Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered at the end of each semester (Fall and Spring) counting for 10% of the semester average.

For Zachry Magnet School, GT services are provided through specialized magnet courses and curriculum. See GT services at Middle School Magnet Schools page for more information.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Zachry
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Seventh Grade Required Courses

The courses listed in this section are available to current 6th grade students who are incoming 7th graders at Zachry Magnet School. Contact the magnet school counselor for course availability.

7th

REQUIRED COURSES

Zachry Magnet School

MATHEMATICS

Math 7 (#2070)

This course builds on student understanding of number and operations; proportionality; expressions, equations, and relationships; and measurement and data. Students will utilize process standards in order to weave knowledge and skills together so that they may be successful problem solvers and use mathematics efficiently and effectively in daily life.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Advanced Math 7 (#2072)

The primary focal areas in this course are numeracy, proportionality, expressions, equations, relationships, and data science. Students will utilize process standards to weave knowledge and skills together to be successful problem solvers and use mathematics efficiently and effectively in daily life. This course will build a foundation for the Advanced Math Algebra I course. **Students enrolled in this course will take STAAR Math 7.**

Prerequisite (PR): Advanced Math 6

Semesters: 2 HS Credit (CR): 0

Math Bridge I is a course designed for 7th grade students who want to take Advanced MS Algebra I (high school credit course) in 8th grade and who are NOT currently enrolled in Advanced Math 6. This class is a 90-minute course that includes both 7th grade and 8th grade math content. This course will fulfill the math requirement and will take the place of ONE elective.

Math Bridge I (#2083)

This course integrates the Advanced Math 6 and Advanced Math 7 curriculum with an emphasis on complex problem solving through the lens of numeracy, proportionality, expressions, equations, and relationships, and data science. Students use concepts, algorithms, and properties of real numbers to explore mathematical relationships and to describe increasingly complex situations. Students will utilize process standards to weave knowledge and skills together to be successful problem solvers and use mathematics efficiently and effectively in daily life. This course will build a foundation for the Advanced Math Algebra I course. **Students enrolled in this course will take STAAR Math 7.**

Prerequisite (PR): Math 6

Semesters: 2 HS Credit (CR): 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

SCIENCE

Science 7 (#3070)

In 7th grade Science, students investigate the natural world using scientific and engineering practices. Using appropriate tools and models, students conduct investigations to answer questions, explain phenomena, identify problems and design solutions. Students will study a variety of topics that include investigation of elements and compounds, exploration of aqueous solutions, forces (impact on linear motion), Newton's First Law of Motion, average kinetic energy (temperature), transfer of thermal energy (conduction, convection, radiation), solar system (components and organization), role of gravity, characteristics of Earth that allow life to exist, Earth's changing features (tectonic movement), human affect and dependence on the hydrosphere, main functions of organs, inherited traits, natural/artificial selection, flow of energy through trophic levels, biodiversity and sustainability, and taxonomic classifications.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Advanced Science 7 (#3071)

In 7th grade Science, students investigate the natural world using scientific and engineering practices. Using appropriate tools and models, students conduct investigations to answer questions, explain phenomena, identify problems and design solutions. Students will study a variety of topics that include investigation of elements and compounds, exploration of aqueous solutions, forces (impact on linear motion), Newton's First Law of Motion, average kinetic energy (temperature), transfer of thermal energy (conduction, convection, radiation), solar system (components and organization), role of gravity, characteristics of Earth that allow life to exist, Earth's changing features (tectonic movement), human affect and dependence on the hydrosphere, main functions of organs, inherited traits, natural/artificial selection, flow of energy through trophic levels, biodiversity and sustainability, and taxonomic classifications. Required components of an Advanced Course include observations, analysis of data in the form of text and images, evidence-based writing, higher-order questioning, and academic conversation

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

ATHLETICS

Athletics Boys 7 (#5072)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Athletics Girls 7 (#5076)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

PHYSICAL EDUCATION

PE: Movement and Lifetime Fitness 7 (#5070)

In seventh grade PE, students will learn to apply movement concepts to a variety of activities such as spinning, recreational volleyball, and soccer. Students will also be exposed to a variety of recreational and lifetime sports such as circuit and fitness training, archery, and mountain biking. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Middle School Dance may be taken as an elective, or as a fulfillment of the PE requirement.

Students who wish to use MS Dance as an elective, should NOT enroll in this course, but should rather enroll in Dance MS 1 (#6810) or Dance MS 2 (#6820).

Students who wish to use MS Dance to fulfill the PE requirement should enroll in Dance MS 1 PE (#5091) or Dance MS 2 PE (#5092) listed below. These students must also choose electives.

Note: These courses meet the middle school Physical Education requirements. To take these course as electives only.

Dance MS 1 PE (#5091)

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving students' technique, self-confidence, creative ability and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

Dance MS 2 PE (#5092)

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving students' technique, self-confidence, creative ability and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): Dance MS 1 or Dance MS 1 PE

Semesters: 2 HS Credit (CR): 0



Zachry
Magnet School

Seventh Grade Electives

The courses listed in this section are available to current 6th grade students who are incoming 7th graders.

7th

ELECTIVES

Zachry Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

ORCHESTRA

Beginner Orchestra (#6079)

Orchestra Beginner Level is designed to teach students how to play a violin, viola, cello, or string bass instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Orchestra concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Orchestra (#6086)

Orchestra Intermediate Level is designed for students to continue developing music fundamentals on violin, viola, cello, and string bass instruments introduced in the beginner level class. Orchestra literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem-solving skills. Orchestra concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Orchestra
Semesters: 2 HS Credit (CR): 0

Advanced Orchestra (#6089)

Orchestra Advanced Level is designed for students to apply strong music fundamentals on violin, viola, cello, and string bass instruments to music of all styles. Students build skills at their own pace. Orchestra literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Orchestra concerts are extensive. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Orchestra
Semesters: 2 HS Credit (CR): 0

Chamber Ensemble 1 (#6087)

This course is designed for string students at an intermediate or advanced level to explore various applications of string performance in "non-traditional" ensembles and literature. Students connect unique string applications to various cultures and music genres. Student inquiry, exploration, and innovation is developed. Students participating in this course are concurrently enrolled in choir class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Intermediate or Advanced Orchestra
Semesters: 2 HS Credit (CR): 0

BAND

Beginner Band (#6017)

Band Beginner Level is designed to teach students how to play a woodwind, brass, or percussion instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Band concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Band 2 (#6024)

Band Intermediate Level is designed for students to continue developing music fundamentals on woodwind, brass, and percussion instruments introduced in the beginner level class. Students build skills at their own pace. Band literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem solving skills. Band concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Band
Semesters: 2 HS Credit (CR): 0

Jazz Band 1 (#6081)

This course is designed for intermediate or advanced level students interested in an enrichment opportunity to learn how to play jazz literature. All jazz styles and genres of music are explored and an introduction to improvisation is provided. No prior knowledge of jazz is required. Students participating in this course are concurrently enrolled in band class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Intermediate or Advanced Band
Semesters: 2 HS Credit (CR): 0

Band Cultural Ensemble 1 (#6018)

This course is designed as an enrichment opportunity for intermediate or advanced level music students to study and perform in "non-traditional" ensembles other than jazz. World cultures and music applications in steel drums and "world drumming groups" are included in this course.

Prerequisite (PR): Concurrent Enrollment in Intermediate or Advanced Band
Semesters: 2 HS Credit (CR): 0

CHOIR

Beginner Treble (Girls) Choir (#6401)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Beginner Tenor/Bass (Boys) Choir (#6402)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Treble (Girls) Choir (#6411)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Treble Choir
Semesters: 2 HS Credit (CR): 0

Intermediate Tenor/Bass (Boys) Choir (#6412)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

Vocal Ensemble 1 (#6404)

This course is designed for students interested in exploring various "non-traditional" or diverse styles of vocal music in smaller ensemble settings such as vocal jazz ensembles, madrigals, and show choirs. Concerts are varied and extensive to allow students opportunities to develop stage performance skills. Students participating in this course are concurrently enrolled in choir class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Intermediate or Advanced Treble or Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Zachry
Magnet School

Seventh Grade Electives

The courses listed in this section are available to current 6th grade students who are incoming 7th graders.

7th

ELECTIVES

Zachry Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

DANCE

Middle School Dance may be taken as an elective or as a fulfillment of the PE requirement.

Students who wish to use Dance to fulfill the PE requirement should NOT enroll in this course, but should rather enroll in Dance MS 1 PE (#5091) or Dance MS 2 PE (#5092).

Students who wish to use Dance as an elective should enroll in the courses listed below.

Note: This course serves as an elective only. To take this course as a substitute for PE.

Dance MS 1 (#6810)

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Dance MS 2 (#6820)

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): Dance MS 1
Semesters: 2 HS Credit (CR): 0

ART

Beginner Art MS 1 (#6910)

Beginner Art MS 1 is concept-based. Curriculum units build student skills in drawing, painting, printmaking, fiber art, three-dimensional art forms, and digital art. Content will include student originality and creativity.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Art MS 2 (#6911)

Intermediate Art MS 2 is concept-based and curriculum units build student skills developed in Beginner Art 1. Curriculum includes drawing, painting, printmaking, fiber art, three-dimensional art forms, and digital art. Development of artistic originality, creativity, and study of artists and art periods is incorporated.

Prerequisite (PR): Beginner Art MS 1
Semesters: 2 HS Credit (CR): 0

THEATRE

Beginner Theatre (#6609)

Beginning Theatre is an introductory theatre course designed for the student to experience the basic elements of drama. No previous theatre or drama experience is required. Beginning acting and technical theatre techniques will be explored along with the basic skills needed to create a theatrical performance.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Theatre (#6610)

Intermediate Theatre is a more in-depth study of theatre where students continue to build upon skills learned in Theatre 1. Students are introduced to additional skills that are necessary to become a theatre artist. Dramatic structure, acting, and technical elements are expanded in both production and scene studies.

Prerequisite (PR): Beginner Theatre
Semesters: 2 HS Credit (CR): 0



Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered at the end of each semester (Fall and Spring) counting for 10% of the semester average.

SPANISH-HS CREDIT

Spanish 1 MS (#5714) - HS Credit

This course focuses on developing speaking and listening comprehension skills. Students are exposed to basic reading and writing skills. Students are introduced to the people, their customs, and other aspects of the culture. Students have the opportunity to work in pairs and small groups to role play real-life situations using the target language.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 1

Spanish 2 MS (#5715) - HS Credit

This course continues to focus on opportunities for students to expand their speaking and listening comprehension skills and develop their reading comprehension and writing skills. Students continue to study the culture, the people, and their customs. Students will continue to role play and perform dialogues and skits in various everyday situations and topics using the target language.

Prerequisite (PR): 70 or higher in Spanish 1, or 80 or higher on the Credit-by-Exam.
Semesters: 2 HS Credit (CR): 1

Advanced Spanish 2 MS (#5732) - HS Credit

This course exceeds the Level 2 requirements by including many independent activities requiring performance in the target language. The students will continue to refine the four modes of communication by being exposed to an enriched and accelerated curriculum.

Prerequisite (PR): Recommended 90 or higher in Spanish 1, or 90 or higher on the Credit-by-Exam.
Semesters: 2 HS Credit (CR): 1

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Zachry
Magnet School

Seventh Grade Electives

The courses listed in this section are available to current 6th grade students who are incoming 7th graders.

7th

ELECTIVES

Zachry Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

CAREER & TECHNICAL EDUCATION



Business Management & Administration • Education & Training • Finance • Health Science • Human Services • Marketing • Agriculture, Food, & Natural Resources

PBS Future Lab 7/8 (#8800)

(Public & Business Services Related Careers)

This is a lab- and project-based course in which students will participate in experiences that model real-world industries. The goal of this course is to create a foundation for success in high school, future studies, and careers in Business, Industry, and Public Service. Career and Technical Education clusters addressed include **Agriculture, Business/Finance, Culinary, Education, Fashion, Health Science, and Marketing**. Students will research labor market information, learn job-seeking skills, and practice professional communication skills. Career and Technical Education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



Arts, A/V Technology & Communications • Information Technology • Law, Public Safety, Corrections & Security • Manufacturing • Science, Technology, Engineering & Mathematics • Transportation, Distribution & Logistics • Architecture & Construction

STEM Future Lab 7/8 (#8810)

(Science, Technology, Engineering, and Math Related Careers)

This is a lab- and project-based course in which students will participate in experiences that model real-world industries. The goal of this course is to create a foundation for success in high school, future studies, and careers in Science, Technology, Engineering, and Math. Career and Technical Education clusters addressed include **Architecture, Arts & Audio Video, Construction, Engineering, Information Technology (Cyber), Law (Forensics), Manufacturing, and Transportation (Automotive)**. Students will research labor market information, learn job-seeking skills, and practice professional communication skills. Career and Technical Education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0



JOURNALISM

Journalism/Yearbook (#1702)

This course provides the study of current print and digital trends in yearbook design, layout, and publishing in order to develop and produce the school yearbook. Coursework includes gathering and analyzing information, photography, and specialized writing.

Prerequisite (PR): None

Semesters: 2

HS Credit (CR): 0



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Eighth Grade Required Courses

The courses listed in this section are available to current 7th grade students who are incoming 8th graders at Zachry Magnet School.

8th

REQUIRED COURSES

Zachry Magnet School

REQUIRED MAGNET COURSES

All Zachry Magnet students will enroll in each of the following:

ENGLISH LANGUAGE ARTS

Global Literacy III:

Inquiry and Discovery (#1097)

Students will read and write multi-genre texts, with an emphasis on nonfiction and current events. They will also engage in the inquiry process as they explore their interests and future career options, encouraging them to develop and work toward goals for high school and beyond. This course also synthesizes the learning from the prerequisite courses in 6th and 7th grades as a diverse foundation for further discovery. Through inquiry-based instruction, teachers will guide students to explore their individual interests and future pursuits in our global society.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

SOCIAL STUDIES

The US & Global Communications (#4087)

This course is designed to explore 8th grade U.S. History concepts as they relate to global communication, cybersecurity and information technology. Students will blend skills learned in social studies, ELA and technology together and engage in Gifted and Talented learning strategies such as depth and complexity, creative problem solving, and critical thinking. The content in this course includes a variety of topics such as the political, social, economic and geographic study of United States history. Students will learn about the physical characteristics of the United States and their impact on population distribution and settlement patterns. They will examine American beliefs and principles, learn about the structure of the U.S. government, and examine the rights and responsibilities of a United States citizen.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 0

CAREER & TECHNICAL EDUCATION

Fundamentals of Computer Science 8 (#7106)

Students will learn about the computing tools that are used every day. Students will foster their creativity and innovation through opportunities to design, implement, and present solutions to real-world problems with a special focus on cybersecurity.. Students will collaborate and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will learn the problem-solving and reasoning skills that are the foundation of computer science. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations and concepts.

Prerequisite (PR): STEM Math 6

Semesters: 2 HS Credit (CR): 0

Future Investigations A (#8813)

Future Investigations B (#8813B)

Note: This course satisfies an elective requirement and the NISD Speech requirement.

Future Investigations equips students with skills and strategies to excel in high school and beyond, while exploring opportunities in education and careers to set short- and long-term goals. Students identify their learning preferences, strengths, and growth areas, then refine organization, resource management, and study skills. The course builds personal responsibility, stress management, growth mindset, and resiliency, while promoting leadership through character education, independent thinking, collaboration, problem-solving, and decision-making.

Prerequisite (PR): None

Semesters: 2 HS Credit (CR): 1



Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered at the end of each semester (Fall and Spring) counting for 10% of the semester average.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Science, Technology, Engineering & Mathematics • Information Technology



Zachry
Magnet School

Eighth Grade Required Courses

The courses listed in this section are available to current 7th grade students who are incoming 8th graders.

8th

REQUIRED COURSES

Zachry Magnet School

REQUIRED CORE COURSES

Students will select one course in each Core area (Math, Science, and PE/Athletics).

MATHEMATICS

Pre-Algebra (#2080)

The purpose of this course is to provide a foundation for students to solve problems using proportionality; expressions, equations, relationships, and foundations of functions; and measurement and data. The students will utilize process standards to weave knowledge and skills together to be successful problem solvers and use mathematics efficiently and effectively in daily life.

Prerequisite (PR): None

Semesters: 2

HS Credit (CR): 0

Advanced MS Algebra I (#2121) - HS Credit

This course extends students' foundational knowledge of linear relationships to a comprehensive study of linear, quadratic, and exponential functions and their applications. Students will use technology to explore data, analyze statistical relationships, and master related concepts, including polynomials, systems of equations, and sequences. The students will utilize process standards to weave knowledge and skills together to be successful problem solvers and use mathematics efficiently and effectively in daily life. This advanced course is a GPA-weighted course that emphasizes complex problem-solving to prepare students for upcoming Advanced and AP coursework. **Students enrolled in this course will take STAAR Algebra EOC.**

Prerequisite (PR): Pre-Algebra or its equivalent

Semesters: 2

HS Credit (CR): 1

ATHLETICS

Athletics Boys 8 (#5085)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None

Semesters: 2

HS Credit (CR): 0

Athletics Girls 8 (#5086)

Athletics is for students who are interested in participating in competitive sports. When not in season, students will train in a strength and conditioning off-season program. Physicals should be completed by the first day of school.

Prerequisite (PR): None

Semesters: 2

HS Credit (CR): 0

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

SCIENCE

Science 8 (#3080)

In 8th grade Science, students investigate the natural world using scientific and engineering practices. Using appropriate tools and models, students conduct investigations to answer questions, explain phenomena, identify problems and design solutions. Students will study a variety of topics that include classification of matter (properties of water, acids, bases), chemical reactions, conservation of mass, Newton's three Laws of Motion, characteristics of transverse waves, use of electromagnetic waves, origin of the universe, life cycle of stars, classification of stars, categorization of galaxies, weather patterns and climate change, carbon cycle, function of organelles, inherited traits, adaptations, transfer of energy within a food web, ecological succession, and biodiversity within an ecosystem.

Prerequisite (PR): None

Semesters: 2

HS Credit (CR): 0

Advanced Science 8 (#3081)

In 8th grade Science, students investigate the natural world using scientific and engineering practices. Using appropriate tools and models, students conduct investigations to answer questions, explain phenomena, identify problems and design solutions. Students will study a variety of topics that include classification of matter (properties of water, acids, bases), chemical reactions, conservation of mass, Newton's three Laws of Motion, characteristics of transverse waves, use of electromagnetic waves, origin of the universe, life cycle of stars, classification of stars, categorization of galaxies, weather patterns and climate change, carbon cycle, function of organelles, inherited traits, adaptations, transfer of energy within a food web, ecological succession, and biodiversity within an ecosystem. Required components of an Advanced Course include observations, analysis of data in the form of text and images, evidence-based writing, higher-order questioning, and academic conversation.

Prerequisite (PR): None

Semesters: 2

HS Credit (CR): 0

PHYSICAL EDUCATION

PE: Lifetime Activity and Wellness 8 (#5080)

In eighth grade PE, students will be exposed to activities that support being physically active for a lifetime. Activities such as yoga, Pilates, archery, tennis, and golf will be taught. Students will also be exposed to cardio drumming and a variety of recreational and outdoor sports. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 2

HS Credit (CR): 0

DANCE

Middle School Dance may be taken as an elective, or as a fulfillment of the PE requirement.

Students who wish to use Dance as an elective, should NOT enroll in this course, but should rather enroll in Dance MS 1 (#6810), Dance MS 2 (#6820), or Dance MS 3 (#6830).

Students who wish to use Dance to fulfill the PE requirement should enroll in Dance MS 1 PE (#5091), Dance MS 2 PE (#5092), or Dance MS 3 PE (#5093) listed below. These students must also choose an elective.

Note: These courses meet the middle school Physical Education requirements. To take these courses as electives only, see the course listing.

Dance MS 1 PE (#5091)

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): None

Semesters: 2

HS Credit (CR): 0

Dance MS 2 PE (#5092)

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): Dance MS 1 or Dance MS 1 PE

Semesters: 2

HS Credit (CR): 0

Dance MS 3 PE (#5093)

The third of three sequential dance courses, Dance MS 3 is designed to give students the opportunity to develop and execute advance skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. All students receiving PE credit will take the Fitnessgram to assess cardiovascular fitness, flexibility, upper body strength, abdominal strength, trunk extension, and body mass.

Prerequisite (PR): Dance MS 2 or Dance MS 2 PE

Semesters: 2

HS Credit (CR): 0

Eighth Grade Electives

The courses listed in this section are available to current 7th grade students who are incoming 8th graders.

8th

ELECTIVES

Zachry Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

CHOIR

Beginner Treble (Girls) Choir (#6401)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Beginner Tenor/Bass (Boys) Choir (#6402)

This course is designed to teach students how to sing properly. No prior music experience or knowledge is required. Girls are assigned to the Treble Choir and boys are assigned to the Tenor Bass Choir. Students learn to read music, produce good tone quality, learn rhythm skills, and perform. Students can develop skills at their own pace. Choir concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Treble (Girls) Choir (#6411)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Treble Choir
Semesters: 2 HS Credit (CR): 0

Intermediate Tenor/Bass (Boys) Choir (#6412)

This course is designed for students to continue developing music fundamentals and singing skills introduced in the beginner level class. Students build skills at their own pace. Choral literature is more advanced and promotes increased teamwork, development of vocal tone quality and range, expression, leadership, and problem-solving skills. Choir concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

Advanced Treble (Girls) Choir (#6423)

This course is designed for students to apply strong music fundamentals developed in beginner and intermediate level courses. Students build skills at their own pace. Choir literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Students engage in multiple concerts. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Treble Choir
Semesters: 2 HS Credit (CR): 0

Advanced Tenor/Bass (Boys) Choir (#6424)

This course is designed for students to apply strong music fundamentals developed in beginner and intermediate level courses. Students build skills at their own pace. Choir literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Students engage in multiple concerts. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

Vocal Ensemble 1 (#6404)

This course is designed for students interested in exploring various "non-traditional" or diverse styles of vocal music in smaller ensemble settings such as vocal jazz ensembles, madrigals, and show choirs. Concerts are varied and extensive to allow students opportunities to develop stage performance skills. Students participating in this course are concurrently enrolled in choir class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Intermediate or Advanced Treble or Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

Vocal Ensemble 2 (#6405)

This course is designed for advanced vocal students interested in developing a mastery level of performance in "non-traditional" or diverse vocal ensemble settings, such as vocal jazz ensembles, madrigals, and show choirs. The ensemble setting, music styles and genres allow students the opportunity to collaborate, inquire, create and improvise extensively. Multiple performance venues and concerts are available. Students participating in this course are concurrently enrolled in choir class to ensure continued development of music fundamentals.

Prerequisite (PR): Concurrent enrollment in Advanced Treble or Tenor/Bass Choir
Semesters: 2 HS Credit (CR): 0

THEATRE

Beginner Theatre (#6609)

Beginning Theatre is an introductory theatre course designed for the student to experience the basic elements of drama. No previous theatre or drama experience is required. Beginning acting and technical theatre techniques will be explored along with the basic skills needed to create a theatrical performance.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Theatre (#6610)

Intermediate Theatre is a more in-depth study of theatre where students continue to build upon skills learned in Theatre 1. Students are introduced to additional skills that are necessary to become a theatre artist. Dramatic structure, acting, and technical elements are expanded in both production and scene studies.

Prerequisite (PR): Beginner Theatre
Semesters: 2 HS Credit (CR): 0

Advanced Theatre (#6615)

Advanced Theatre is an advanced theatre class that requires students to enhance skills learned in Beginning and Intermediate through analysis of theatrical concepts and practices. Students engage in research, creative thinking, problem solving, and improvisation that is transferred to collaborative production.

Prerequisite (PR): Intermediate Theatre
Semesters: 2 HS Credit (CR): 0



Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Eighth Grade Electives

The courses listed in this section are available to current 7th grade students who are incoming 8th graders.

8th

ELECTIVES

Zachry Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

ORCHESTRA

Beginner Orchestra (#6079)

Orchestra Beginner Level is designed to teach students how to play a violin, viola, cello, or string bass instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Orchestra concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Orchestra (#6086)

Orchestra Intermediate Level is designed for students to continue developing music fundamentals on violin, viola, cello, and string bass instruments introduced in the beginner level class. Orchestra literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem-solving skills. Orchestra concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Orchestra
Semesters: 2 HS Credit (CR): 0

Advanced Orchestra (#6089)

Orchestra Advanced Level is designed for students to apply strong music fundamentals on violin, viola, cello, and string bass instruments to music of all styles. Students build skills at their own pace. Orchestra literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Orchestra concerts are extensive. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Orchestra
Semesters: 2 HS Credit (CR): 0

BAND

Beginner Band (#6017)

Band Beginner Level is designed to teach students how to play a woodwind, brass, or percussion instrument. No prior music experience or knowledge is required. Students will learn to read music, produce good tone quality, learn rhythm skills, and perform music. Students can develop skills at their own pace. Band concerts allow students to experience live performance. Students earn awards for individual outstanding skill mastery.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Band 2 (#6024)

Band Intermediate Level is designed for students to continue developing music fundamentals on woodwind, brass, and percussion instruments introduced in the beginner level class. Students build skills at their own pace. Band literature is more advanced and promotes increased teamwork, kinesthetic development, expression, leadership, and problem-solving skills. Band concerts include music of all styles. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Beginner Band
Semesters: 2 HS Credit (CR): 0

Advanced Band 3 (#6032)

Band Advanced Level is designed for students to apply sound music fundamentals on woodwind, brass, and percussion instruments to music of all styles. Students build skills at their own pace. Band literature is advanced and promotes extensive collaboration, expression, creativity, and problem-solving techniques. Students engage in multiple concerts. Students earn awards for individual and ensemble mastery of skills.

Prerequisite (PR): Intermediate Band
Semesters: 2 HS Credit (CR): 0

ART

Beginner Art MS 1 (#6910)

Beginner Art MS 1 is concept-based. Curriculum units build student skills in drawing, painting, printmaking, three-dimensional art forms, fiber, and digital art. Content will include student originality and creativity.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Intermediate Art MS 2 (#6911)

Intermediate Art MS 2 is concept-based and curriculum units build student skills developed in Beginner Art MS 1. Curriculum includes drawing, painting, printmaking, three-dimensional art forms, fiber, and digital art. Development of artistic originality, creativity, and study of artists and art periods is incorporated.

Prerequisite (PR): Beginner Art MS 1
Semesters: 2 HS Credit (CR): 0

Advanced Art MS 3 (#6912)

Advanced Art MS 3 is concept-based and curriculum units build student skills developed in Intermediate Art MS 2. Curriculum includes investigation and application in the media of drawing, painting, printmaking, three-dimensional art forms, fiber, digital art and compositions of mixed media. Students work toward mastery level in originality and creativity.

Prerequisite (PR): Intermediate Art MS 2
Semesters: 2 HS Credit (CR): 0

Studio Art HS (#6914) - HS Credit

This high school credit course is designed for the middle school student who has completed Beginner Art MS 1 and Intermediate Art MS 2 and wishes to continue the study of art at a rigorous level. Students investigate and apply techniques in drawing, painting, printmaking, 3-D art forms, fiber, digital art and compositions of mixed media. Students work toward mastery level in originality and creativity. Students personalize their learning and design their curriculum to enrich peaked interest in mastery of art skills. The course is designed for students with high interest in rich art experiences.

Prerequisite (PR): Intermediate Art MS 2
Semesters: 2 HS Credit (CR): 1

Art I HS (#6913) - HS Credit

High School Art I is concept-based and is an exploratory introduction to high school art. Curriculum includes all art media to allow students to acquire a general understanding of the elements of art, principles of design and expressive qualities. Content will include problem-solving, originality, creativity, and the study of artists and art periods.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 1



Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered at the end of each semester (Fall and Spring) counting for 10% of the semester average.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.

Eighth Grade Electives

The courses listed in this section are available to current 7th grade students who are incoming 8th graders.

8th

ELECTIVES

Zachry Magnet School

Elective offerings are based on enrollment, staffing, and availability. Not all electives are offered at all middle school campuses. Please contact the campus counseling department for a complete list of specific elective offerings.

DANCE

Middle School Dance may be taken as an elective, or as a fulfillment of the PE requirement.

Students who wish to use Dance to fulfill the PE requirement should NOT enroll in this course, but should rather enroll in Dance MS 1 PE (#5091), Dance MS 2 PE (#5092), or Dance MS 3 PE (#5093) (listed on page 24).

Students who wish to use Dance as an elective, should enroll in the courses listed below.

Note: These courses serve as an elective only. To take these courses as a substitute for PE, see the course listing on page 41.

Dance MS 1 (#6810)

The first dance course in middle school is designed to give students the opportunity to develop and execute beginner skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities. No prior dance experience is required.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 0

Dance MS 2 (#6820)

The second of three sequential dance courses, Dance MS 2 is designed to give students the opportunity to develop and execute intermediate skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities.

Prerequisite (PR): Dance MS 1 or Dance MS 1 PE
Semesters: 2 HS Credit (CR): 0

Dance MS 3 (#6830)

The third of three sequential dance courses, Dance MS 3 is designed to give students the opportunity to develop and execute advance skills in ballet, jazz, tap, modern dance, musical theatre dance, and world dance forms. Various dance genres and styles will be explored while improving their technique, self-confidence, creative ability, and concept of wellness. Dance students will have ensemble performance opportunities.

Prerequisite (PR): Dance MS 2 or Dance MS 2 PE
Semesters: 2 HS Credit (CR): 0

SPANISH-HS CREDIT

Spanish 1 MS (#5714) - HS Credit

This course focuses on developing speaking and listening comprehension skills. Students are exposed to basic reading and writing skills. Students are introduced to the people, their customs, and other aspects of the culture. Students have the opportunity to work in pairs and small groups to role play real-life situations using the target language.

Prerequisite (PR): None
Semesters: 2 HS Credit (CR): 1

Spanish 2 MS (#5715) - HS Credit

This course continues to focus on opportunities for students to expand their speaking and listening comprehension skills and develop their reading comprehension and writing skills. Students continue to study the culture, the people, and their customs. Students will continue to role play and perform dialogues and skits in various everyday situations and topics using the target language.

Prerequisite (PR): 70 or higher in Spanish 1, or 80 or higher on the Credit-by-Exam.
Semesters: 2 HS Credit (CR): 1

Advanced Spanish 2 MS (#5732) - HS Credit

This course exceeds the Level 2 requirements by including many independent activities requiring performance in the target language. The students will continue to refine the four modes of communication by being exposed to an enriched and accelerated curriculum.

Prerequisite (PR): Recommended 90 or higher in Spanish 1, or 90 or higher on the Credit-by-Exam.
Semesters: 2 HS Credit (CR): 1



Courses which qualify for high school credit will be part of the high school Grade Point Average (GPA). Students must meet both attendance and academic requirements to receive high school credit. Semester exams are administered at the end of each semester (Fall and Spring) counting for 10% of the semester average.

Please note course selection(s) may change due to ARD committee placement decisions for students receiving special education services.



Graduation Toolkit

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At least **60%** of Texans ages 25-34 will have
a postsecondary certificate or degree by 2030.

www.highered.texas.gov

Texas Education Agency Graduation Toolkit

Glossary

Industry-Based Certifications

A certification is a validation that an individual possesses certain skills, usually related to an occupation and measured against a set of accepted standards. An occupation may have multiple certifications, with different levels of expertise. An individual earns a certification by successfully passing a test or battery of tests.

Performance Acknowledgments

Students may earn an additional acknowledgment on their transcripts for outstanding performance in areas such as dual credit courses bilingualism and biliteracy; and AP, IB, PSAT, ACT ASPIRE®, SAT, or ACT exams or by earning a state-, nationally-, or internationally-recognized business or industry certification or license.

Programs of Study

Perkins V describes a CTE Program of Study as a coordinated, nonduplicative sequence of academic and technical content at the secondary and post-secondary level that does the following:

- Incorporates challenging state academic standards
- Addresses academic, technical, and employability skills
- Aligns with the needs of industries in the state, regional, and/or local economy
- Progresses in specificity, beginning with all aspects of the industry and leading to more occupation-specific instruction
- Has multiple entry and exit points that incorporate credentialing
- Culminates in the attainment of a recognized postsecondary credential

For more information on CTE Programs of Study or a complete list of career clusters, visit <https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/approved-cte-programs-of-study>.

STAAR

State of Texas Assessments of Academic Readiness (STAAR) is the state-mandated test given annually to students in grades 3-8 and at the end of five high school courses.

Work-Based Learning

Work-based learning is a continuum of intentional activities and experiences designed to expand the boundaries of the classroom and prepare students for future career opportunities. Activities and experiences begin as early as pre-kindergarten and continue through postsecondary education.

Texas Education Agency Graduation Toolkit

Graduation Program – Overview

Foundation High School Program

The Foundation High School Program is a flexible graduation program that allows all students to pursue their interests and prepare for high-wage, high-skill, and in-demand occupations.

Students may customize their high school experience beyond the Foundation High School Program by completing requirements for additional components such as endorsements, the distinguished level of achievement, and performance acknowledgments.



Texas Education Agency Graduation Toolkit

✓ Foundation High School Program

The Foundation High School Program identifies the requirements that all Texas public school students need to satisfy to earn a high school diploma.

Course Credit

A credit is a unit of measure awarded for successful completion of a high school course. To graduate under the Foundation High School Program, students must earn a minimum of **22 credits** in the following areas:

English (4 credits)	• English I • English II • English III • An advanced English course
Mathematics (3 credits)	• Algebra I • Geometry • An advanced math course
Science (3 credits)	• Biology • Integrated Physics and Chemistry/Chemistry/Physics • An advanced science course
Social Studies (3 credits)	• World History or World Geography • U.S. History • U.S. Government (one-half credit) • Economics (one-half credit)
Languages Other Than English (2 credits)	• 2 credits in the same language or • 2 credits from Computer programming, Languages, including Computer coding
Physical Education (1 credit)	Fine Arts (1 credit) Electives (5 credits)

Did You Know?



End-of-Course Exam Requirement

In addition to meeting graduation credit requirements, students are required to pass five end-of-course (EOC) exams to earn a diploma from a Texas public high school. Those five exams are given when a student takes English I and II, Biology, Algebra I, and U.S. History. A student who fails an EOC exam for no more than two of five courses can still receive a diploma if he or she qualifies to graduate as a result of an individual graduation committee review.

Speech Requirement

To qualify to earn a high school diploma, students must also satisfy the speech requirement

by demonstrating proficiency in communication skills identified by the State Board of Education in the graduation requirements. Districts may use a variety of ways to determine how students will complete the speech requirement.

Instruction on Proper Interaction with Peace Officers

Students must receive instruction in proper interaction with police officers at least once before graduation from high school.

Instruction in Cardiopulmonary Resuscitation (CPR)

Students must receive instruction in CPR at least once in grades 7-12 before graduation.

More specific course option details are available at:
<http://ritter.tea.state.tx.us/rules/tac/chapter074/ch074b.html#74.12>

Texas Education Agency Graduation Toolkit



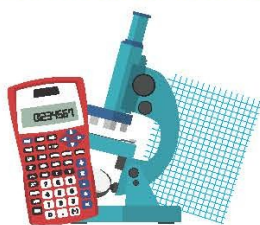
Endorsement Options – Choices

Endorsements

Students may earn one or more endorsements as part of their high school diploma. An endorsement consists of a sequence of courses that are grouped together by interest or occupational skill. They provide students with in-depth knowledge of a subject area or a high-wage, high-skill, and in-demand occupation. Every career and technical education (CTE) Program of Study leads to an endorsement.

Students earn an endorsement by completing four credits each in both math and science, two additional elective credits, and the curriculum requirements for the endorsement.

Students can choose from five endorsement areas which include:



Science, Technology, Engineering, and Mathematics (STEM)

(a sequence of courses in one of the following areas or a combination of courses from no more than two areas)

- CTE STEM courses or an approved STEM-related Program of Study*
- Mathematics

- Science
- * For more information, visit <https://bit.ly/2YF42Uq>



Business and Industry

(a sequence of courses in one of the following areas or a combination of courses from no more than two areas)

- CTE business and industry-related Programs of Study*
- Agriculture, food and natural resources
- Architecture and construction
- Arts, audio-video technology, and communications
- Business management and

- administration
- English electives in public speaking, debate, advanced broadcast journalism, and advanced journalism, including newspaper and yearbook
- Information technology
- Finance

- Hospitality and tourism
- Manufacturing
- Marketing
- Transportation, distribution, and logistics

- * For more information, visit <https://bit.ly/2YF42Uq>

Students must select an endorsement upon entry into the ninth grade. Districts and charter schools are not required to offer all endorsements. If only one endorsement is offered, it must be multidisciplinary studies.

A student may graduate without earning an endorsement, if, after the student's sophomore year, the student's parent signs a waiver permitting the student to graduate without earning an endorsement.



Public Service

(a sequence of courses in one of the following areas)

- CTE public-service-related Programs of Study*
- Human services
- Law, public safety, corrections, and security
- Health science
- Education and training
- Government and public administration
- Junior Reserve Officer Training Corps (JROTC)

* For more information, visit <https://bit.ly/2YF42Uq>



Arts and Humanities

(one of the following)

- Two levels each in two languages other than English (LOTE)
- Four levels in the same LOTE
- Courses from one or two disciplines in fine arts (music, theater, art, dance, or film)
- English electives not included in the business and industry endorsement
- Social studies
- American Sign Language (ASL)



Multidisciplinary Studies

(one of the following)

- Four advanced courses that prepare a student to enter the workforce successfully or postsecondary education without remediation
- Four credits in each foundation subject area, including chemistry and/or physics and English IV or a comparable Advanced Placement (AP) or International Baccalaureate (IB) English course
- Four credits in AP, IB, or dual credit courses selected from English, mathematics, science, social studies, economics, LOTE or fine arts

*Students may earn more than one endorsement.

Visit your school counselor to learn more about your options.

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Distinguished Level of Achievement

Choices Determine Options

Most of the high-skill, high-wage, and in-demand jobs available now and in the future require education and training beyond a high school diploma. Whether you intend to pursue an industry workforce credential from a community or technical college or a traditional four-year degree from a university, the choices you make in high school will determine your future options.

To best prepare yourself now for the transition to postsecondary education and career entrance, choosing and taking the right classes is essential.

Distinguished Level of Achievement

The distinguished level of achievement requires:

- A total of four credits in math, including Algebra II;
- A total of four credits in science; and
- Successful completion of an endorsement in your area of interest.

A student must earn the distinguished level of achievement to be admitted to a Texas public university under the Top 10 percent automatic admission law.

Why it matters — Benefits

The distinguished level of achievement opens a world of educational and employment opportunities for you beyond high school. The distinguished level of achievement does the following:

- **Allows you to compete for Top 10% automatic admissions eligibility at almost any Texas public university;**
- **Makes you a more competitive applicant at selective colleges and universities;**
- **Prepares you for college-level coursework at community/technical colleges and universities;**
- **Lays a strong foundation for successful completion of an industry workforce credential or college degree.**

* The University of Texas at Austin can limit automatic admission to fewer students than the top 10%. Check with your counselor to learn about the percent of students eligible for automatic admission at UT Austin.

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Performance Acknowledgments

Performance Acknowledgments note outstanding achievement in specific areas. These distinctions will be included in your high school transcript and better position you for successful entry into college and/or the workforce.

Performance Acknowledgments Areas

- dual credit courses
- bilingualism and biliteracy
- PSAT, ACT ASPIRE®, SAT, or ACT
- Advanced Placement or International Baccalaureate exams
- State-, nationally- or internationally-recognized business or industry certification or license



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College and Career Resources

Ask ADVi

<https://www.askadvi.org>

ADVi uses artificial intelligence to answer your questions about attending public colleges and universities in Texas.

Big Future

<https://bit.ly/2EcKdJl>

There are more than 2,000 colleges in the United States. Find the right college for you!

Job's Y'all

<https://jobsyall.com/>

Jobs Y'all is where you can explore meaningful, high-wage careers in growing industries. Here, you will discover rewarding jobs in your hometown and throughout Texas. Find a career that matches your interests and goals.

Texas OnCourse

<https://texasoncourse.org>

Texas OnCourse offers students access to free and trustworthy resources on college and career planning. Featured tools by Texas OnCourse include:

- **MapMyGrad**

<https://texasoncourse.org/tools/mapmygrad/>

Students zero in on skills and interests to explore careers and endorsements and plan a path through high school.

- **Middle Galaxy**

<https://www.middlegalaxy.org/>

Texas middle school students have big decisions to make about their futures, starting in eighth grade! This space-themed game makes it easy to learn about options in high school and beyond.

Road Trip Nation

<https://roadtripnation.com/>

Need a little inspiration? Learn how others got to where they are today from real stories of career and life journeys of people from all walks of life.

Texas Career Check

<https://texascareercheck.com/>

Students can use this interactive tool to search and explore occupations that interest them. Labor market information is provided regarding annual salary and projected job openings and can be filtered by region.

Texas Internship Challenge

<https://www.txinternshipchallenge.com/vosnet/Default.aspx>

This internship connection site enables students to gain valuable work-based learning experience while in high school. Students across the state can search for an internship where they live.

Texas Reality Check

<https://texasrealitycheck.com/>

Students can use this lifestyle calculator to walk through the expenses that they are likely to incur each month and decide how much to spend on their lifestyle. This tool provides a realistic understanding of minimum salary needs and explores occupations that enable students to earn the salary they want.



Texas Education Agency
tea.texas.gov

Texas Higher Education
Coordinating Board
www.highered.texas.gov

Texas Workforce Commission
twc.state.tx.us



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College and Career Resources

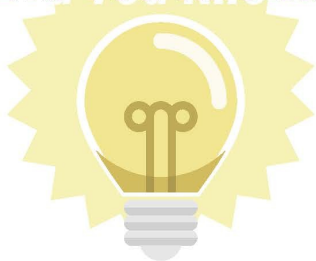
Preparing for Your Career

Two-thirds of the high demand jobs openings in Texas will require some postsecondary education. You can position yourself for successful career entry in several ways:

While in high school, you will want to do the following:

- ☐ **Learn** about industry fields and targeted occupations that provide high-wages and are in-demand in your region.
- ☐ **Take** assessments that match you with potential careers to expand your research.
- ☐ **Determine** which of the five endorsement options offered by your high school under the Foundation High School Program best align with your career goals and explore the aligned CTE Programs of Study.
- ☐ **Complete** the required Foundation High School Program, your selected endorsement, and CTE Program of Study, if applicable.
- ☐ **Research** what training and education levels beyond high school are required to enter your CTE Program of Study or industry field of interest. For a complete list of statewide CTE Programs of Study, visit <https://bit.ly/2UWredv>.
- ☐ **Take** every opportunity to connect directly with employers. Ask your counselor or college advisor for help!
- ☐ **Find** training and certifications for specific occupations or skills through community colleges or career and technical schools at www.texasworkforce.org/svcs/propschools/career-schools-colleges.html.
- ☐ **Practice** or get hands on experience through internships, apprenticeships, or volunteering.

Did You Know...



...over their lifetime a high school graduate with a bachelor's degree **earns 84 percent more**^{1,2} than a high school graduate without a bachelor's degree?

...the highest-ranking graduate at each Texas public high school receives a voucher from the Texas Education Agency that can be used as a **scholarship to cover tuition** costs at any Texas public college or university?

...students ranked in the Top 10 percent of their graduating class at an accredited public or private Texas high school may be **eligible for automatic admission** to a Texas public university if they have completed the distinguished level of achievement?³

...over their lifetime, high school graduates with a workforce certification from a community or technical college **earn 20 percent more**⁴ than those with only a high school diploma?

¹Texas Workforce Commission

²Center on Education and the Workforce, "The College Payoff: Education, *Occupations, Lifetime Earnings," August 2011. Georgetown University

³Get the facts at www.collegeforalltexans.com or studentaid.ed.gov

⁴Center on Education and the Workforce, "Certificates: Gateway to Gainful Employment and College Degrees," 3 June 2012. Georgetown University

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Graduation Checklists

8th Grade

- ☐ **Review** choices offered under the **Foundation High School Program** and the **endorsements** to decide on your future academic path.
- ☐ **Select** the endorsement and CTE Program of Study, if applicable, that best fits your area of personal interest and the major you plan to study in college or the career training you plan to pursue.
- ☐ **Recognize** that most college admissions processes value rigorous advanced courses including **Algebra II**, higher-level science courses, and languages other than English.

9th/10th Grade

- ☐ **Monitor** high school credits; be sure to meet all **local and state requirements**.
- ☐ **Take dual credit** or **AP courses** if possible, to earn college credit while still in high school.
- ☐ **Consider** CTE courses related to your career interests.
- ☐ **Keep** a list of awards, honors, and extracurricular activities for scholarship and college applications.
- ☐ **Research** colleges or universities you are interested in attending.
- ☐ **Check** admission and application requirements and timelines.
- ☐ **Consider** taking SAT/ACT preparation classes.
- ☐ **Explore** interests, take advantage of **career exploration** opportunities, and attend site visits during college open house days.
- ☐ **Attend college nights** hosted by your high school.
- ☐ **Talk** with college representatives about academic programs and financial aid available.
- ☐ **Take** the preliminary SAT (PSAT)/National Merit Scholarship Qualifying Test in your sophomore year for practice. In your junior year, take the PSAT for eligibility for the National Merit Scholarship Competition. Students who take the PSAT or ACT ASPIRE® tend to score higher on the SAT or ACT than those who do not.

11th/12th Grade

- ☐ **Sign up** and take the ACT and/or SAT test preferably in your junior year but no later than the fall of your senior year.
- ☐ **Take dual credit** or **AP courses** if possible to earn college credit while you are still in high school.
- ☐ **Visit** with your counselor or college advisor about available scholarships. Be sure to apply early and for as many scholarships as possible. Do not limit yourself to local scholarships.
- ☐ **Fill out** the FAFSA (Free Application for Federal Student Aid) or the TASFA (Texas Application for State Financial Aid) early in the fall of your senior year.
- ☐ **Apply** to college during the fall of your senior year.

If you plan to pursue technical training or enter the workforce after graduation, see the **Information - Workforce Resources** page or visit Texas Reality Check at www.texasrealitycheck.com/.

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Glossary

Advanced Academics

Advanced academics includes courses, programs, assessments, services, and supports that provide opportunities for students to demonstrate college and career readiness and earn postsecondary credit.

Advanced Placement (AP)

College-level coursework designed by the College Board that provides students the potential to earn college credit with a qualifying score on an AP exam.

Course Credit

A unit of measure awarded for successful completion of a course.

CTE Completer

A student who completes, passes, and receives credit for three or more CTE courses for at least four or more credits (course selection must include at least one level three or level four-course).

CTE Concentrator

A student who completes, passes, and receives credit for two more CTE courses for at least two credits within the same CTE Program of Study.

Distinguished Level of Achievement

A high level of academic achievement earned by going beyond the Foundation High School Program. It requires completion of a total of 26-course credits, including Algebra II, four credits in both math and science, and an endorsement. A student must earn this designation to be eligible for Top 10 percent automatic admission to a Texas public college or university.

Dual Credit

Dual credit is a process by which a high school student enrolls in a college course and receives simultaneous academic credit for the course from both the college and the high school.

End-of-Course Exams (EOC)

State-mandated tests given during the final weeks of a high school course. There are five EOC exams required to earn a diploma from a Texas public high school. The five exams are given when a student completes English I and II, Biology, Algebra I, and U.S. History.

Endorsements

Endorsements are areas of specialized study. The areas include science, technology, engineering and mathematics (STEM); business and industry; arts and humanities; public services; and multidisciplinary studies. (A district or charter school that offers only one endorsement must offer multidisciplinary studies.)

Foundation High School Program (FHSP)

The basic 22-credit graduation program for Texas public school students.

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Glossary

Industry-Based Certifications

A certification is a validation that an individual possesses certain skills, usually related to an occupation and measured against a set of accepted standards. An occupation may have multiple certifications, with different levels of expertise. An individual earns a certification by successfully passing a test or battery of tests.

Performance Acknowledgments

Students may earn an additional acknowledgment on their transcripts for outstanding performance in areas such as dual credit courses bilingualism and biliteracy; and AP, IB, PSAT, ACT ASPIRE®, SAT, or ACT exams or by earning a state-, nationally-, or internationally-recognized business or industry certification or license.

Programs of Study

Perkins V describes a CTE Program of Study as a coordinated, nonduplicative sequence of academic and technical content at the secondary and post-secondary level that does the following:

- Incorporates challenging state academic standards
- Addresses academic, technical, and employability skills
- Aligns with the needs of industries in the state, regional, and/or local economy
- Progresses in specificity, beginning with all aspects of the industry and leading to more occupation-specific instruction
- Has multiple entry and exit points that incorporate credentialing
- Culminates in the attainment of a recognized postsecondary credential

For more information on CTE Programs of Study or a complete list of career clusters, visit <https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/approved-cte-programs-of-study>.

STAAR

State of Texas Assessments of Academic Readiness (STAAR) is the state-mandated test given annually to students in grades 3-8 and at the end of five high school courses.

Work-Based Learning

Work-based learning is a continuum of intentional activities and experiences designed to expand the boundaries of the classroom and prepare students for future career opportunities. Activities and experiences begin as early as pre-kindergarten and continue through postsecondary education.