


# **9<sup>TH</sup> GRADE BIOLOGY COURSE SELECTION**

**This presentation is for current 8<sup>th</sup>  
grade students & parents**

**Prepared by your future  
O'Connor Biology Teachers**

# WHAT IS BIOLOGY ABOUT?

Expands on most concepts from Life Science:

- **What happens inside a cell**  
Biochemistry, DNA, Genetics, Cellular transport and Protein synthesis
  - **How cells process & use energy -**  
Photosynthesis/Respiration
  - **Viruses & Bacteria**
  - **Plant/Animal Structure & Function**
  - **Human System Interaction**
  - **Ecology - organisms interactions with their environment**
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# HOW IS HIGH SCHOOL SCIENCE DIFFERENT?

- Science topics are separated into different courses– ex. Biology for all 9<sup>th</sup> grade, then Chemistry, Physics, Earth & Space, Anatomy Environmental Science, Aquatic Science etc.
- Biology is a STAAR tested course and ALL students must pass the Biology STAAR exam and the Biology course for graduation.
- Individuals are encouraged to participate in Science Fair if they wish to do so.

# PAWS...HOW OC STUDENTS DO IT!



- **P-Be Prepared**
- **A-Positive Attitude**
- **W-Work Responsibly**
- **S-Show Respect**

# PAWS...HOW OC STUDENTS DO IT!



- **P-Prepared**

- Be present and punctual.
- Prioritize learning.
- Have supplies (interactive notebook) and assignments ready.

# PAWS...HOW OC STUDENTS DO IT!



- **A- Positive Attitude**
  - Be ready and willing to learn.
  - Give maximum effort through positive participation.
  - Strive for **SUCCESS!**

# PAWS...HOW OC STUDENTS DO IT!



- **W-Work Responsibly**
  - Consistently complete quality work on time.
  - Proactively seek support.
  - Demonstrate academic integrity.

# PAWS...HOW OC STUDENTS DO IT!



- **S-Show Respect**

- For yourself, others and OC campus.
- Treat others with kindness.
- Resolve conflict peacefully.




# WHAT IS THE DIFFERENCE BETWEEN PRE-AP AND ON LEVEL BIOLOGY?

## Pre-AP Biology:

- Covers the same topics, but at a **faster pace** with **more in-depth** discussions
- Weekly online quizzes
- Outside of class projects
- FRQ's on tests with peer grading
- Written lab conclusions to prepare students for AP and College Level courses offered in 10<sup>th</sup>-12<sup>th</sup> grade

# WHAT ARE THE CHARACTERISTICS OF A PRE-AP BIOLOGY STUDENT AT OHS?

- **LOVES OR REALLY LIKES SCIENCE**
  - **Willing to complete work inside and outside of class**
  - **Committed to Academic Excellence**
  - **Self advocates when necessary**
  - **Comes to class prepared and organized**
  - **Prepared to study outside of class**
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# SHOULD I TAKE PRE-AP BIOLOGY IN HIGH SCHOOL?

Points to consider:

- Are you currently successful in Pre-AP classes?
- Do you enjoy challenging yourself?
- Do you complete your homework assignments on time?
- Are you responsible?

**O'CONNOR TEACHERS ARE HERE TO HELP YOU BE SUCCESSFUL.**

**IF YOU ANSWERED YES TO MOST OF THESE QUESTIONS THEN GO FOR IT!**

**TAKE CHARGE OF YOUR FUTURE!**