

A Collaborative Unit
Library/Technology/Classroom
John Glenn Elementary
4th Grade

Topic / Title / Theme:

Space Explorations

Goal:

The student will know about comets, meteors, asteroids, and space exploration

Objectives:

Students will distinguish among comets, meteors, asteroids (NISD SIIIA)

The student will examine space explorations, past and present (NISD SIIIB)

The student, with the librarian's assistance, will locate resources related to the topic.

The student, with the librarian's assistance, will locate and organize data related to the topic.

The student, with assistance from the librarian and CIT, will display and present information related to the topic.

Student activities to meet objectives:

1. Students will meet with their teacher and with the librarian to create viable questions for research
2. Students will meet with their teacher and with the librarian to locate appropriate electronic and print resources.
3. Students working in groups will find, record, and analyze data found in resources located during step 2.
4. Working together, the group will produce a Power Point slide show that demonstrates their findings.

LIB	CIT	Teacher	<u>Task / Notes:</u> <u>Who is responsible?</u>
		yes	<u>Supplies:</u>
yes			<u>Print Resources:</u>
yes	yes		<u>Non-Print Resources: (websites, videos)</u>
yes	yes		<u>Technology:</u>
yes			<u>Instruction: (Librarian)</u>
		yes	<u>Instruction: (Teacher)</u>
		yes	<u>Evaluation / Assessment:</u>

Notes: This is a bilingual class. We searched for materials both in Spanish and in English.

Inter-Disciplinary connections:

S.S.: NISD S III

L.A.: NISD LA VIII

Student Outcomes; (What is the final product?)

Students will produce a group slide show giving the results of their findings. They will also create a "hot list" of favorite electronic resources

Assessment and Evaluation: (Attach rubric if used)

A pre and post test is supplied by Library Services. Regular classroom assessment of content result is taken care of by the teacher

Standards Met:

NISD SS III and LA VIII

TIMELINE

Planning, Organization, Implementation, Post-Evaluation

	Monday	Tuesday	Wednesday	Thursday	Friday
Week 1	Set date for collaborative planning				
Week 2	Plan the unit collaboratively	Gather Spanish-language resources	Gather Spanish-language resources	Gather Spanish-language resources	Gather Spanish-language Resources
Week 3	Bilingual Introduction to Big 6: Librarian and Bilingual teacher	Collaborative Translation of Big 6	Group question formation	Critique of group questions	Publication of week's work on web pages
Week	Bilingual lesson on citing sources	Practice citing print sources	Practice citing electronic sources	Explore resources	Revisit the research questions in the light of resources available
Week4	Groups create Bibliography Webliography	Groups continue creation of Bibliography Webliography	Groups begin exploration of specific topics On line and in print	Groups continue exploration of specific topics On line and in print	Groups continue exploration of specific topics On line and in print
Week 5	Groups begin note taking	Groups continue note taking	Groups continue note taking	Groups continue note taking	Groups continue note taking
Week 6	Groups enter Data analysis stage and prepare for Presentation	Groups continue Data analysis stage and prepare for Presentation	Groups continue Data analysis stage and prepare for Presentation	Groups continue Data analysis stage and prepare for Presentation	Publication of results on web pages
Week 7	Follow-up in computer lab	Groups share And with other bilingual classes and/or grade-level classes	Groups share And with other bilingual classes and/or grade-level classes	Groups share And with other bilingual classes and/or grade-level classes	Publication of results on web pages