

Midlo GT/Challenge Lab

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About our GT Program

Midlothian ISD provides a program for students in grades K-12 who have been identified as exceptionally able. The Gifted and Talented Program at all levels is designed to provide opportunities to meet unique social, emotional, and intellectual needs of gifted and talented students. Recommendations for testing for the Gifted and Talented Program may be made by parents, teachers or the student.

Most projects are centered on Research Skills covered in the ELAR TEKS but each year we try to incorporate specific TEKS from math, science, writing, and history.

[RESEARCH SKILLS PDF](#)

Gifted and Talented (Enrichment) Required Minutes

Students are required to be serviced once a week. Students are either clustered or placed with the specific grade level and are pulled out for enrichment projects and activities.

They are serviced through **both** GT enrichment classes and Challenge Lab. GT students are required to attend both once a week.

Students receive vital time for social/emotional growth, practice “soft skills” and 21st Century learning skills during this time they spend together.



Examples of GT Projects

Ancient Cultures: Students researched an Ancient Culture and presented 2 projects about their findings to the class.



Content and Process Standard(s): (Focus TEKS K&S/SE)

(17) Social studies skills. The student applies critical-thinking skills to organize and use information acquired from a variety of valid sources, including electronic technology. The student is expected to:

(A) obtain information about a topic using a variety of valid oral sources such as conversations, interviews, and music;

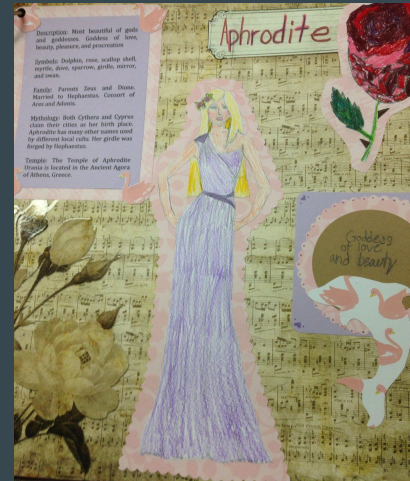
(B) obtain information about a topic using a variety of valid visual sources such as pictures, symbols, electronic media, maps, literature, and artifacts; and

(C) sequence and categorize information.

(18) Social studies skills. The student communicates in oral, visual, and written forms. The student is expected to:

(A) express ideas orally based on knowledge and experiences; and

(B) create and interpret visual and written material.



Examples of GT Examples:

NaNoWriMo: (National Novel Writing Month)

Students planned (using story elements) a novel and wrote for entire month.
Students revised, edited, and published into a class book.

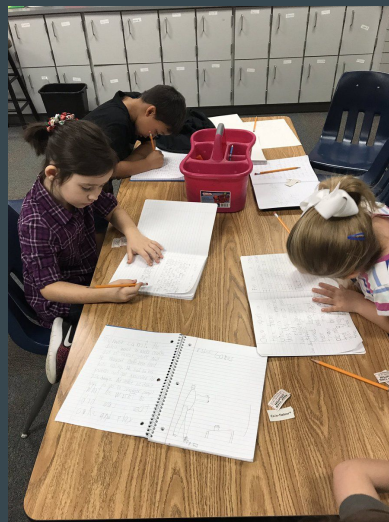
TEKS: Writing

1.17A, 2.17A, 3.17A, 4.17A, 5.17A

Plan a first draft by generating ideas for writing (e.g., drawing, sharing ideas, listing key ideas).

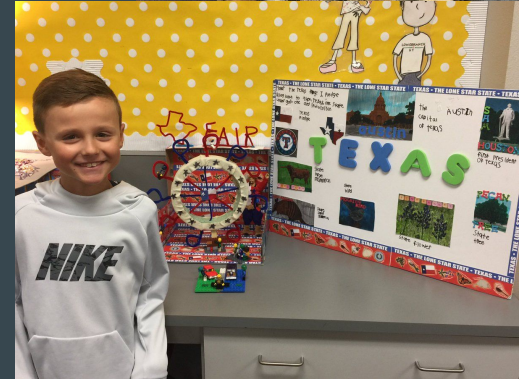
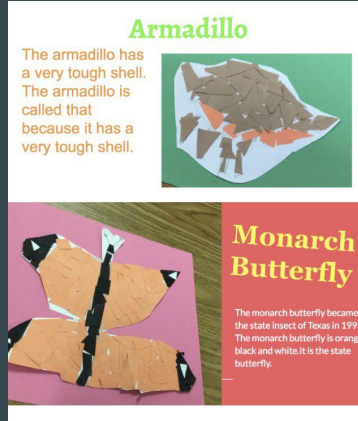
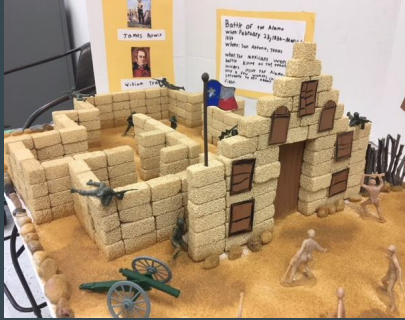
1.17B, 2.17B, 3.17B, 4.17B, 5.17B

Develop drafts by sequencing ideas through writing sentences, paragraphs.



Examples of GT Projects: Texas History Research Projects

Students chose 2 projects and presented their product findings to the class.



TEKS:

History. The student understands how historical figures, patriots, and good citizens helped shape the community, state, and nation.

Geography. The student understands physical and human characteristics of place.

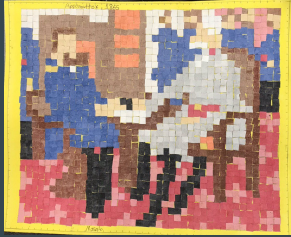
Social studies skills. The student applies critical-thinking skills to organize and use information acquired from a variety of valid sources, including electronic technology.

Social studies skills. The student communicates in oral and visual forms.

Examples of GT Projects

American History Research

Projects-Students chose two projects and presented their research findings to the class.

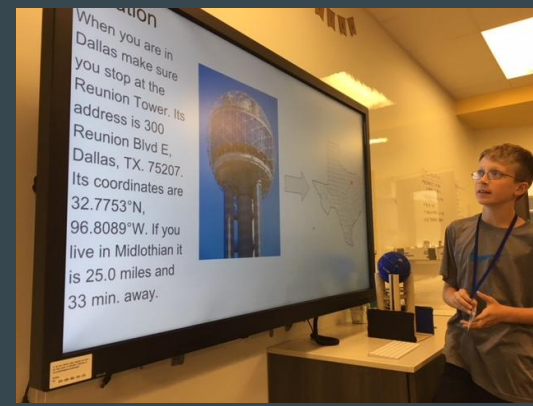
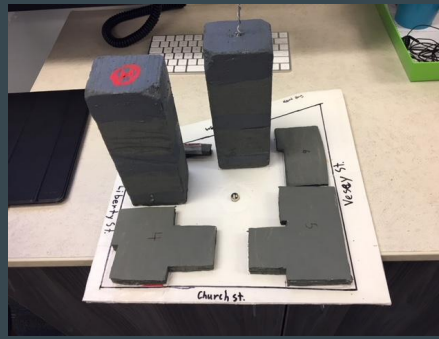


TEKS:

History. The student understands how historical figures, patriots, and good citizens helped shape the community, state, and nation.

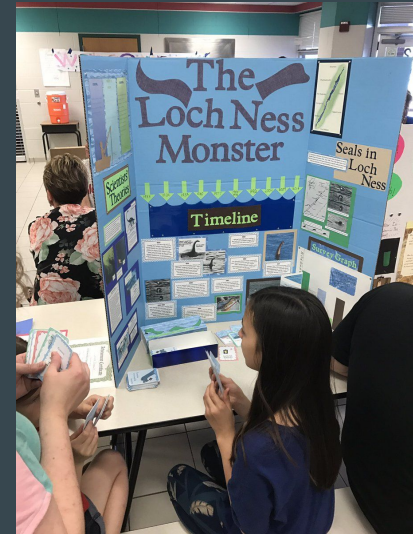
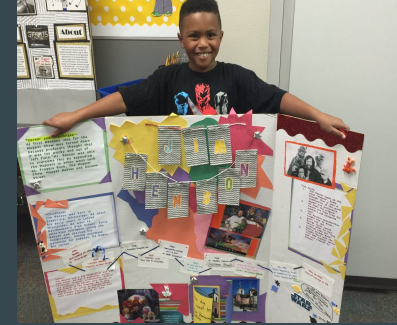
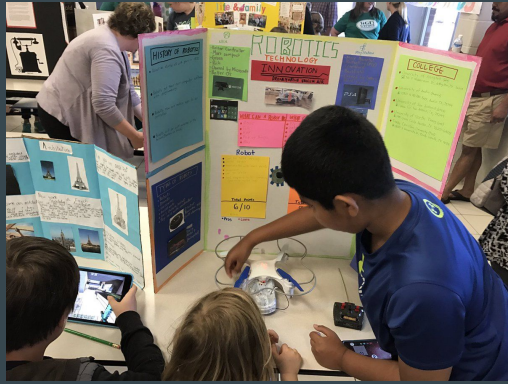
Geography. The student understands physical and human characteristics of place.

Social studies skills. The student applies critical-thinking skills to organize and use information acquired from a variety of valid sources, including electronic technology. Social studies skills. The student communicates in oral and visual forms



Example of GT Projects:

Texas Performance Standards Project that is state mandated and MISD's first showcase.



Examples of GT Projects:

TEKS:

Force, motion, and energy. The student knows that force, motion, and energy are related and are a part of everyday life. The student is expected to:

1.6D demonstrate and record the ways that objects can move such as in a straight line, zig zag, up and down, back and forth, round and round, and fast and slow.

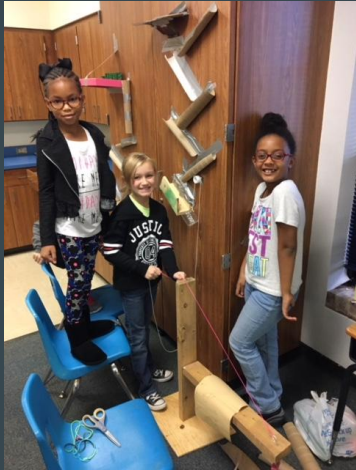
2.6C trace the changes in the position of an object over time such as a cup rolling on the floor and a car rolling down a ramp; and

3.6(B) demonstrate and observe how position and motion can be changed by pushing and pulling objects to show work being done such as swings, balls, pulleys, and wagons; and

(C) observe forces such as magnetism and **gravity** acting on objects.

4.6(D) design an experiment to test the effect of force on an object such as a push or a pull, gravity, friction, or magnetism.

5.6(D) design an experiment that tests the effect of force on an object.



STEM- Rube Goldberg

Students created a complex machine from simple machines that could perform a simple task.



GT Projects

Beginning of the year Learner Profiles
Students Identified learner profile and set goals using pic collage.

TEKS 1.20, 2.21, 3.22., 4.20, 5.20

Oral and Written Conventions/Conventions. Students understand the function of and use the conventions of academic language when speaking and writing. Students will continue to apply earlier standards with greater complexity.



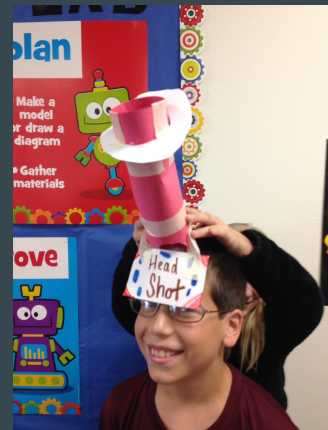
Challenge Lab

What are challenge labs?

An enrichment opportunity run by the district GT specialists with open-ended activities that will challenge the students to build, create, or work collaboratively with a small group to accomplish a task.

Why send my students to the Challenge Lab?

Challenge lab activities will foster skills that all students need to be successful 21st century learners: risk-taking, perseverance, social and emotional intelligence, innovative thinking, and initiative. Students who participate in problem-based learning and creative problem-solving are better equipped to face challenges both inside and outside of the classroom.



Weekly Challenge Lab VS. Bonus Challenge Lab

Weekly Challenge Lab

GT Students are required to participate in the weekly challenge lab, which takes place on the specific day your District GT Specialist is on campus. There may be open spots available for other students to sign up on those days as well per teacher discretion.

Bonus Challenge Lab

Bonus Challenge Lab is for ALL students. Teachers can sign up their entire class or send small groups or individuals. This is something that happens once a month that is run by the District GT Specialists.