



What will my child be learning during the second quarter of school?

ENGLISH LANGUAGE & READING (ELAR)

- Analyzing the characteristics of informational text, including the text features, organization and author's craft
- Making connections between informational texts and other genres
- Analyzing a variety of texts through discourse and writing responses
- Drafting an informational essay with an appropriate thesis and supporting evidence
- Revising and editing with a focus on compound sentence structures, word choice, prepositional phrases, transitions, and subject-verb agreement

ENGLISH LANGUAGE AND READING KLEIN PREP

- Analyzing a variety of genres with a focus on informational text and author's craft
- Responding to reading using text evidence through socratic seminars, writing and presentation
- Planning, drafting and publishing a that includes the characteristics of literary texts
- Revising and editing with a focus on style and word choice, transitions, and organization of ideas.

G/T HUMANITIES

- Generate ideas, gather information, and manage evidence relevant to the topic and purpose.
- Identify and explain an author's argument.
- Formulate research topic and questions to explore ideas.
- Locate, evaluate, and select information from a variety of sources.

Questions to Ask Your Child

ELAR

- What are the characteristics of informational text?
- What are you writing about?
- Did you research any topics to find support for your writing?
- What is a thesis? How do you support a thesis?
- What is a prepositional phrase? How do you use them?
- Why is subject-verb agreement important? Can you give me an example?

ELAR (KLEIN PREP)

- What are you reading?
- What are you researching?
- How will you present your findings?
- What is a thesis?
- What is a prepositional phrase? How do you use them?
- Why is subject-verb agreement important? Can you give me an example?

Questions to Ask Your Child

G/T HUMANITIES

- What ideas have you covered in class?
- Ask:
Why might ___ matter to me?
Why might ___ matter to people around me?
Why might ___ matter to the world?

How Can I Help My Child Learn at Home?

ELAR & ELAR (KLEIN PREP)

- Set aside time each evening for independent reading
- Talk to your student about the texts they read
- Encourage reading outside of fiction (magazines, news articles, etc.)

How Can I Help My Child Learn at Home?

G/T HUMANITIES

- Assist students with conducting research.
- Allow student time to read independently.
- Encourage students to challenge themselves with complex texts.
- Have students reflect on their thinking.





What will my child be learning during the second quarter of school?

MATH

- Use proportions to solve problems involving ratios, rates, financial literacy, similar shape and scale drawings
- Solve problems involving percent increase and decrease
- Calculate simple and compound interest
- Compare monetary incentives (sales, rebates, and coupons)
- Find the constant of proportionality in problem situations
- Represent linear relationship using words, tables, graphs and equations in the form $y=mx+b$

ADVANCED MATH

- Determine rate of change/slope and y-intercept from a table or graph
- Graph proportional relationships
- Write equation in the form $y = mx+b$ given words, table, or graph
- Use a trendline to make a prediction given data in a scatterplot
- Calculate and compare simple interest and compound interest earnings

KP ALGEBRA 1

- Write, graph, and analyze a linear model for a real-world situation
- Identify arithmetic sequences in function form
- Write a formula for the nth term of arithmetic sequences
- Write the equation of a line in slope-intercept form and standard form
- Make predictions using a linear regression.
- Write linear inequalities in two variables, to represent real world situations
- Read, interpret, and graph the solutions of a linear inequality in two variables

SOCIAL STUDIES (TEXAS HISTORY)

- Describe Texas under Spain and Mexico rule.
- Explain the causes and events of the Texas Revolution.

Questions to Ask Your Child

MATH AND ADVANCED MATH

- What is percent increase/decrease?
- What's the difference between compound and simple interest?
- What is the slope or rate of change? (7 ADV)

KP ALGEBRA 1

- How do you find the rate of change or slope from a table?
- How do you write the equation of a line from a graph?
- How are linear inequalities different from linear equations?

How Can I Help My Child Learn at Home?

MATH, ADVANCED MATH, AND KP ALGEBRA 1

- Ask your students what they are learning.
- Access the Klein Digital resources support math skills through your students dashboard.
- **IXL** - Skill-based program that allows students to practice skills they may have not mastered.
- **Fact track** - Practice facts online and track growth

Questions to Ask Your Child

SOCIAL STUDIES (TEXAS HISTORY)

- How did Spain, Mexico and the United States influence Texas?
- What events led to the Texas Revolution?
- What was the result of the Texas Revolution?

How Can I Help My Child Learn at Home?

SOCIAL STUDIES (TEXAS HISTORY)

- Ask your student to tell the story of the "Come Take It" flag.
- Watch The Alamo and talk about the missing pieces.





What will my child be learning during the second quarter of school?

SCIENCE

- Describing and relating responses in organism that may result from internal stimuli
- Defining Heredity
- Recognizing that inherited traits of individuals are governed by genetic material in genes
- Comparing the offspring of asexual or sexual reproduction
- Identifying changes due to natural selection and selective breeding
- Explaining how variation within population increase chances of survival
- Explaining how internal structures of organism have adaptation that allow specific functions

ADVANCED SCIENCE

- Describing applications of Newton's law of inertia, law of force and acceleration, and law of action-reaction
- Describing components of the universe, including stars, nebulae, and galaxies, and using models for classification.
- Recognizing that the Sun is a medium-sized star located in a spiral arm of the Milky Way galaxy
- Identifying how different wavelengths of the electromagnetic spectrum are used to gain information about components in the universe.
- Researching how scientific data are used as evidence to develop scientific theories to describe the origin of the universe.
- Modeling and illustrating the cause of day and night and changes in seasons.
- Demonstrating and predicting the sequence of events in the lunar cycle.
- Relating the positions of the Moon and Sun to their effect on ocean tides.
- Understanding that gravity is the force that governs the motion of our solar system.

Questions to Ask Your Child

SCIENCE

- How does fever or vomiting in animals allow them to maintain balance?
- What is heredity?
- Where is our genetic material found and what is it for?
- What is the difference between asexual and sexual reproduction
- How does natural selection or selective breeding change a population?
- How does a species survive longer?
- What are examples of adaptation with specific functions?

ADVANCED SCIENCE

- Describe each of Newton's three laws
- What are the components of the universe and how do you use an HR (Herztsprung-Russell) Diagram?
- Where is the sun located in the galaxy?
- What type of wavelengths are there and how are they used to gain information about the universe?
- Describe what causes day and night on earth
- Why can't we see a new moon?
- What causes spring tides and neap tides?

How Can I Help My Child Learn at Home?

SCIENCE

- Work with your child to complete this drag and drop comparing asexual and sexual reproduction characteristics
- Read this article with your child and then look for images of how different plants and animals have changed over time due to selective breeding and why those characteristics were favored

ADVANCED SCIENCE

- Watch this video with your child about Newton's 3 Laws of motion. After, try and find other real life examples in their life that match each of the 3 laws of motion.

