



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 you 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

ALGEBRA 1 & KP ALGEBRA 1

- Write, graph, and analyze a linear model for a real-world situation
- Identify arithmetic sequences in function form (KP Algebra 1 only)
- Write a formula for the nth term of arithmetic sequences (KP Algebra 1 only)
- 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 (KP Algebra 1 only)
- Write and graph equations of parallel/perpendicular lines.

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)

ALGEBRA 1 & 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 ALGEBRA 1 & 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

- Investigate methods of thermal energy transfer and that thermal energy moves in a predictable pattern
- Understand patterns of movement, organization, and characteristics of the components in the solar system
- Analyze characteristics of Earth that support life.

ADVANCED SCIENCE

- Compare and contrast the properties of acids and bases
- Distinguish between physical and chemical changes and investigate how energy is conserved in chemical reactions
- Calculate average speed
- Distinguish between acceleration and speed
- Investigate how Newton's Laws act simultaneously within systems

Questions to Ask Your Child

SCIENCE

- What are examples of conduction, convection, and radiation in your home?
- What are components of the solar system? Where is the asteroid belt?

ADVANCED SCIENCE

- What are real world examples of each of Newton's Three Laws?
- What are the signs that a chemical change has occurred?

How Can I Help My Child Learn at Home?

SCIENCE

- Have students work with a family member to do a heat evaluation of a room or rooms in the home. Use an indoor/outdoor thermometer to take temperature readings in different areas. Try to determine what type of heat transfer—convection, conduction, or radiation—accounts for any temperature differences.

ADVANCED SCIENCE

- When driving in a car or truck, find situations where the vehicle accelerates. What unbalanced forces are causing motion to change?

