



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

### ENGLISH LANGUAGE & READING (ELAR)

- Identify structure and characteristics of argumentative texts
- Compose multi-paragraph argumentative essays that make a claim and are supported by a variety of evidence
- Analyze argumentative techniques such as logical fallacies and rhetorical devices
- Revise and edit writing focusing on sentence variety and punctuation
- Respond to reading by writing analytical responses that include text evidence
- Analyze poetry for craft and meaning

### ENGLISH LANGUAGE AND READING (KLEIN PREP)

- Revise and edit writing focusing on sentence variety and punctuation
- Analyze argumentative elements in a text
- Connect argumentative texts across genres
- Research and present an argumentative topic
- Compose an argumentative essay which includes a claim and supporting evidence
- Apply reading and writing strategies in various texts

### 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 & ELAR (KLEIN PREP)

- What are you reading?
- What are some argumentative strategies an author uses?
- Tell me about an argumentative text that you read.
  - What was the author's claim?
  - How did the author support the claim?
  - Do you agree/ disagree? Why/ why not?
- What is the difference between a rhetorical device and a logical fallacy?
  - Can you name a device/ fallacy?
  - Can you give me an example of a rhetorical device/logical fallacy?

### How Can I Help My Child Learn at Home?

#### ENGLISH LANGUAGE & READING & ELAR (KLEIN PREP)

- Check Schoology frequently for updates and missing assignments
- Encourage daily reading from a choice novel
- Encourage reading current events, news articles, magazines etc.
- Practice skills on iXL

### 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?

#### 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 third quarter of school?

### MATH

- Find theoretical and experimental probability of simple and compound events
- Solve problems using data from bar graphs, dot plots, and circle graphs
- Compare two data sets represented in dot plots or box plots using their shapes, centers, and spreads
- Find the volume of prisms and pyramids in problem situations

### ADVANCED MATH

- Use proportions to solve problems involving similar shape and scale drawings
- Write a rule to represent transformation, includes translations, dilations, rotations, and dilations
- Calculate circumference and area of circles
- Use nets and formulas to find the surface area of prisms, pyramids, and cylinders

### KP ALGEBRA 1

- Solve a system of linear equations using a variety of methods including graphing, substitution, elimination
- Simplify expressions using the laws of exponents
- Add, subtract, multiply polynomials
- Simplify algebraic expressions using laws of exponents, polynomial operations, and factoring methods and interpret the meaning of the factors
- Write a quadratic function in standard and vertex form
- Graph and identify key features of quadratic functions

## Questions to Ask Your Child

### MATH, ADVANCED MATH, AND KP ALGEBRA

- How do you set up a proportion to find the missing side of similar shapes?
- What is the difference between finding the volume of prisms and pyramids? How are their formulas alike/different?
- What is probability?
- What is the difference between theoretical and experimental probability?
- How is a quadratic function different from a linear function?

## How Can I Help My Child Learn at Home?

### MATH, ADVANCED MATH, AND KP ALGEBRA

- 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





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

### SCIENCE

- Identify functions of the systems within the human organism
- Observe and describe how different environments support different varieties of organisms
- Describe how biodiversity contributes to the sustainability of an ecosystem
- Examine organisms and their structures to identify based on characteristics

### ADVANCED SCIENCE

- Calculate density to identify an unknown substance
- Compare metals, metalloids, and nonmetals by their physical properties
- Test the physical properties of minerals
- Describe the structure of an atom
- Interpret the arrangement of the periodic table to explain classification of elements
- Identify the formation of a new substance by using the evidence of a possible chemical change
- Distinguish between chemical and physical changes

### SOCIAL STUDIES (TEXAS HISTORY)

- Identify the leaders and issues the leaders of Texas faced
- Describe how immigration and migration to Texas have influenced Texas

## Questions to Ask Your Child

### SCIENCE

- What are the main functions of the circulatory, respiratory, skeletal, muscular, digestive, excretory, reproductive, and integumentary systems?
- How does biodiversity help sustain an ecosystem?

### ADVANCED SCIENCE

- What is evidence of a possible chemical change?
- What determines how reactive an element is and where are the most reactive elements found on the periodic table?
- What is the difference between a physical change and a chemical change?

## Questions to Ask Your Child

### SOCIAL STUDIES (TEXAS HISTORY)

- Who were Texas leaders and what issues did they face?
- What groups influenced Texas?
- What was Texas' role in the Civil War?

## How Can I Help My Child Learn at Home?

### SCIENCE

- What are the main functions of the circulatory, respiratory, skeletal, muscular, digestive, excretory, reproductive, and integumentary systems?
- How does biodiversity help sustain an ecosystem?

### ADVANCED SCIENCE

- There are many different simple experiments about chemical change that you can do at home. Two examples use vinegar: 1) mix vinegar and baking soda (a little goes a long way) and a gas forms; 1) put an eggshell in vinegar and the shell dissolves.

## How Can I Help My Child Learn at Home?

### SOCIAL STUDIES (TEXAS HISTORY)

- Visit one of the many Texas museums in our area either in person or virtually.

