



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

### ENGLISH LANGUAGE & READING (ELAR)

- Analyze plot, character, and author’s craft through reading a variety of genres with a focus on fiction
- Practice reading and writing about texts through historical fiction book clubs
- Plan, draft, and polish a fictional story with emphasis on character and plot development
- Revise and edit with a focus on development, clarity, capitalization, and use of commonly confused words

### 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.

### ENGLISH LANGUAGE AND READING KLEIN PREP

- Analyze a variety of genres with a focus on literary text characteristics and author’s craft
- Respond to reading using text evidence through Socratic seminars, writing, and presentation
- Plan, draft, and publish a story that includes the characteristics of literary texts
- Revise and edit with a focus on development, clarity,

### Questions to Ask Your Child

#### ELAR

- Tell me about the book you’re reading.
- What genre is your book? How do you know?
- What do you like about the story?
- Tell me about the characters, plot, conflicts and themes.

#### ELAR (KLEIN PREP)

- What are you reading?
- What do you like about the story/ characters/ author?
- What is the essential question? How does your reading connect?
- Tell me about the socratic seminar.
- Tell me about your flash fiction plot.

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

### ENGLISH LANGUAGE & READING AND ELAR KLEIN PREP

- Set aside time for independent reading each day.
- Talk to your student about the texts they read.
- Check Schoology for updates and assignments.
- Practice reading, writing, and grammar 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 first quarter of school?

### MATH

- Add, subtract, multiply, and divide positive and negative whole numbers, fractions, and decimals
- Apply operations to multi-step word problems
- Model and solve two-step equations and inequalities
- Write two-step equations from word problems

### ADVANCED MATH

- Compare and order rational and irrational from problem situations
- Model and Solve one, two, and multi-step equations with variables on both sides
- Write equations from a word problem and write a word problem to match an equation
- Use Pythagorean theorem to find the missing side of a right triangle

### ALGEBRA 1 & KP ALGEBRA 1

- Write, solve, and interpret an equation to model a real-world situation
- Solve multi-step inequalities
- Solve literal equations
- Identify relations and functions in tables, diagrams, and graphs
- Determine domain and range of functions
- Identify the translation on a parent function
- Write linear equations given a table, graph or verbal description
- Calculate rate of change in real-world problems

## Questions to Ask Your Child

### MATH AND ADVANCED MATH

- How do you add fractions?
- What is an inverse operation?
- What happens to a number when you multiply by its reciprocal?
- What happens when you multiply a whole number by a number less than one?
- What happens when you divide a whole number by a number less than one?
- How do you find a missing side of a right triangle? (7ADV)

## Questions to Ask Your Child

### ALGEBRA 1 & KP ALGEBRA 1

- What is an inverse operation?
- What is the domain and range of a function?
- What is a function? How can you easily test for a function on a graph?

## 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



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

### SCIENCE

- Compare and contrast elements and compounds
- Identify the identity and number of atoms in a chemical formula using the Periodic Table
- Distinguish between physical and chemical changes
- Investigate properties of aqueous solutions
- Analyze effect of balanced and unbalanced forces
- Calculate average speed and distinguish between speed and velocity

### ADVANCED SCIENCE

- Physical properties of mixtures and solutions, elements and compounds, acids and bases
- Identify metals, nonmetals, rare Earth elements, and metalloids on the Periodic Table
- Describe cohesion, adhesion, and surface tension

### SOCIAL STUDIES (TEXAS HISTORY)

- Describe the physical geography of Texas
- Compare the cultures of American Indians in Texas prior to European colonization
- Identify important individuals, events and issues related to European colonization of Texas

## Questions to Ask Your Child

### SCIENCE

- What factors cause sugar to dissolve quickly?
- How do you know if rusting is a chemical change?
- What effect does an additional force on the motion of an object?

### ADVANCED SCIENCE

- How can you change a lemonade solution to taste better?
- How do mosquitos stay on top of water?
- How does an antacid relieve stomach upset?

## Questions to Ask Your Child

### SOCIAL STUDIES (TEXAS HISTORY)

- What makes the regions of Texas unique?
- What were the major cultures first in Texas?
- Where were the first European settlements in Texas?

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

### SCIENCE

- Examine labels of different foods, and try to identify elements in the different substances using a periodic table from Google
- Talk about different activities that the student or family participates in, and describe unbalanced forces that occur during these activities.

### ADVANCED SCIENCE

- Have students work with a family member to perform the following experiment. In one cup, place some lemon juice. In a second cup, mix some baking soda and dish soap together. Over a sink or drain, add the lemon juice to the baking soda and dish soap and mix the three ingredients. Watch what happens!

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

### SOCIAL STUDIES (TEXAS HISTORY)

- Look at a Texas map. Ask your child to identify regions, Native Cultural groups, and European settlement locations.

