

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

ENGLISH LANGUAGE & READING (ELAR)

- Reading a variety of genres with a focus on informational text
- Analyzing the characteristics and structures of informational text
- Making connections between informational text and other genres
- Responding to reading through discourse and writing
- Drafting an informational essay with a thesis and supporting evidence
- Revising and editing skills with a focus on compound sentence structure, prepositions, transformations and verb tenses

ENGLISH LANGUAGE AND READING KLEIN PREP

- Reading a variety of genres with a focus on informational text analysis and author's craft
- Researching and synthesizing information between all genres of text
- Responding to reading through discourse and writing
- Drafting an informational essay with a thesis and supporting evidence
- Revising and editing skills with a focus on organization,, prepositions, transitions and verb tenses

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)

- How is fiction different than non fiction?
- What are the features of informational text?
- What types of text structures do authors use? How are they different?
- Tell me about some new information you've learned from something you've read.
- What do you know about prepositions? How do you use them?
- What is a compound sentence? How do you recognize a compound sentence?

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.)
- Practice reading, writing, and grammar skills on IXL.

Questions to Ask Your Child

G/T HUMANITIES

What ideas have you covered in class? Why do they matter?
Ask three "Why" questions:
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 second quarter of school?

MATH

- Multiply fractions and decimals
- Divide fractions and decimals
- Apply multiplication and division of fractions and decimals in word problems
- Apply order of operations to expressions
- Use properties of operations: inverse, identity, commutative, associative, and distributive
- Simplify expressions
- Model and solve one-step equations and inequalities
- Write an equation from a word problem
- Write a word problem to match an equation

ADVANCED MATH

- Apply order of operations to expressions
- Use properties of operations: inverse, identity, commutative, associative, and distributive
- Simplify expressions
- Model and solve one-step and two-step equations and inequalities
- Write one and two-step equations from word problems
- Graph points on a coordinate grid
- Identify independent and dependent quantities from tables and graphs
- Use a sentence, table, graph, and an equation to represent a situation in form $y=kx$ or $y=x+b$

ACCELERATED MATH

- Model and Solve one-, two- and multi-step equations with variables on both sides
- Write equations from a word problem
- Write a word problem to match an equation
- Use proportions to solve problems involving ratios, rates, financial literacy, similar shape and scale drawings
- Solve problems involving percent increase and decrease
- Graph points on a coordinate grid
- Identify independent and dependent quantities from tables and graphs
- Use a sentence, table, graph, and an equation to represent a situation in form $y=kx$ or $y=x+b$
- Determine rate of change/slope and y-intercept from a table or graph
- Graph proportional relationships

Questions to Ask Your Child

MATH, ADVANCED MATH, AND ACCELERATED MATH

- What does a model of an equation look like?
- How do you solve a one, two or multi-step equation?(based on their course)
- What does the solution of an equation mean?
- Which quantity is represented by the x value in a problem? (Independent or Dependent)
- Which quantity is represented by the y value in a problem? (Independent or Dependent)

How Can I Help My Child Learn at Home?

MATH, ADVANCED MATH, AND ACCELERATED MATH

- 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 second quarter of school?

SCIENCE

- Explain how forces act on objects
- Calculate the net force and determine if the forces are balanced
- Compare and contrast forms of potential energy and kinetic energy
- Describe how energy can be transferred and transformed
- Explain how energy is transferred through waves

ADVANCED SCIENCE

- Relating plate tectonics to the formation of crustal features
- Classifying rocks as metamorphic, igneous or sedimentary
- Recognizing the components of cell theory
- Differentiating between the structures and functions of organelles in plants and animals
- Demonstrating and illustrating forces that affect motion in organisms
- Describing and relating responses in organisms that may result from internal stimuli in plants

SOCIAL STUDIES (CONTEMPORARY WORLD CULTURES)

- Describe the basic institutions all societies have.
- Explain the relationship between ideas, beliefs and culture.
- Explain culture and cultural diffusion.

Questions to Ask Your Child

SCIENCE

- What happens to the motion and the position of an object when I push? Pull?
- What is an example of light energy at your house? Sound energy? Thermal energy? Mechanical Energy?

ADVANCED SCIENCE

- What evidence(s) shows a chemical change has occurred?
- What types of physical properties can be used to describe metals, nonmetals, and metalloids
- What is the formula for density?

Questions to Ask Your Child

SOCIAL STUDIES (CONTEMPORARY WORLD CULTURES)

- What are the basic institutions all societies have?
- How is culture defined?
- What is cultural diffusion?

How Can I Help My Child Learn at Home?

SCIENCE

- Walk around the house and find examples of mechanical, thermal, sound and light energy.

ADVANCED SCIENCE

- Review the NOAA weather map and have your student predict upcoming weather.
- Pick a couple of topographic maps and compare the landscape.

How Can I Help My Child Learn at Home?

SOCIAL STUDIES (CONTEMPORARY WORLD CULTURES)

- Explore your family cultural background.
- Trace a family tradition back to its origin. Start a family tradition.

