



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

ENGLISH LANGUAGE & READING (ELAR)

- Analyze structure and characteristics of argumentative texts
- Compose multi-paragraph argumentative texts that make a claim supported by reasons and evidence, and analyze the counterclaim
- Analyze biases in argumentative texts, and other argumentative techniques such as logical fallacies and rhetorical devices
- Analyze poetry for meaning and craft
- Respond to reading by writing analytical responses that include text evidence
- Revising and editing with a focus on sentence variety and proper punctuation

ENGLISH LANGUAGE AND READING KLEIN PREP

- Analyze argumentative elements throughout multiple texts
- Connect argumentative texts across genres
- Research and present an argumentative topic that includes addressing the counterclaim
- Analyze biases in argumentative texts
- Compose an argumentative essay
- Apply reading and writing strategies in various texts
- Respond to reading by writing analytical responses that include text evidence

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 techniques do authors/ writers use to make an argument? What makes an argument successful?
- What types of evidence do authors use to support a claim?
- Why is it important to consider the counterclaim?
- 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 & (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? Why do they matter?
- 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

- Calculate and compare simple interest and compound interest earnings
- Explore financial literacy topics including; Savings, Loans; Advantages and disadvantages of different payment methods
- Write a rule to represent transformation, includes translations, dilations, rotations, and reflections
- Find the volume of cylinders, cones, and spheres

ALGEBRA 1 & 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

KP GEOMETRY

- Develop and prove properties of kites, triangle midsegments, trapezoids, parallelograms, rectangles, parallelograms, rectangles, rhombuses, and squares
- Prove a quadrilateral is a parallelogram, rectangle, rhombus, or square
- Perform and describe dilations as well as determine if figures are similar
- Perform and describe dilations as well as determine if figures are similar
- Use trigonometric ratios to calculate unknown side lengths and angles in right triangles
- Define a circle, focus on relationships among tangents, chords, radii, diameters, and arcs in circles

Questions to Ask Your Child

MATH, ALGEBRA 1 & KP ALGEBRA 1, AND KP GEOMETRY

- Would you rather have a savings account that earns simple or compound interest? Why?
- How can the formula chart help you when finding the volume of cylinders? Cones? Spheres?
- What are the advantages and disadvantages to using debit cards? Credit cards? Loans?
- How is a quadratic function different from a linear function? (Alg1 KP)

How Can I Help My Child Learn at Home?

MATH, ALGEBRA 1 & KP ALGEBRA 1, AND KP GEOMETRY

- 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

- Explain how population changes impact the transfer of energy in food webs
- Describe how biodiversity contributes to the stability and instability of an ecosystem.
- Identify the functions of the different parts of animal and plant cells.
- Describe the function of genes in determining inherited traits.

BIOLOGY

- Analyze and evaluate how evidence of common ancestry is provided by the fossil record
- Investigate how ecological relationships influence ecosystem stability
- Explain how the interactions that occur among systems that perform function of transport, reproduction, and response in plants are facilitated by their structure

Questions to Ask Your Child

SCIENCE

- What happens to a food web when a primary producer population decreases?
- How does a high level of biodiversity increase the stability of an ecosystem?
- What is the difference between the cell wall in plant cells and the cell membrane in animal cells?

Questions to Ask Your Child

BIOLOGY

- How do predator/prey relationships maintain the balance in an ecosystem?
- How do plant structures like leaves and roots respond to environmental stimuli?

How Can I Help My Child Learn at Home?

SCIENCE

- Build a tower with blocks with each block representing a different species (producers on the bottom). Remove one block at a time to represent the loss of a species. What are the impacts as you remove the blocks?
- Create a chart listing observable traits and which family members have each trait. Which traits are dominant?

How Can I Help My Child Learn at Home?

BIOLOGY

- On a piece of paper create two groups, predator and prey. Flip a coin to see if the predator "eats" the prey (heads=eats, tails=does not eat). What patterns emerge?





8th Grade Third Quarter



Family Curriculum Guide

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

SOCIAL STUDIES (US HISTORY)

- Identify how industrialization and urbanization impacted life in America
- Explain the social and reform movements
- Explain the causes of the Civil War
- Explain how the major events of the Civil War lead to a Union victory

Questions to Ask Your Child

SOCIAL STUDIES (US HISTORY)

- How did industrialization change America in the 1800s?
- What influenced the social and reform movements?
- What political, social, and economic factors divided the country during the Civil War?

How Can I Help My Child Learn at Home?

SOCIAL STUDIES (US HISTORY)

- Review important inventions of the industrial revolution
- Help your student review the Civil War and the battles.

