



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

ENGLISH LANGUAGE & READING AND KLEIN PREP (ELAR)

- Synthesizing information from a variety of genres, with a focus on informational text structure, characteristics and author's purpose
- Analyzing informational texts through discourse and writing
- Researching and drafting an informational essay with a strong thesis and supporting ideas
- Revising and editing for organization and style, with a focus on active and passive voice, subject-verb agreement, and pronoun-antecedent agreement

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 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?
- What is the difference between active and passive voice? How do you use them?
- Why is subject-verb agreement important? Can you give me an example?

How Can I Help My Child Learn at Home?

ELAR & ELAR (KLEIN PREP)

- Set aside time each evening for independent reading
- Talk to your student about the texts they read
- Check Schoology for updates and assignments
- 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:
 - 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

- 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

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 n th 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.

KP GEOMETRY

- Identify and perform rigid transformations and composite transformations on and off the coordinate plane
- Use rigid transformations to determine if figures are congruent
- Determine when congruence criteria show triangles are congruent and use to write proofs
- Apply theorems about angle measures in triangles, determine and use points of concurrency for special segments in triangles

Questions to Ask Your Child

MATH

- How do you find the rate of change or slope from a table?
- What is a proportional relationship?
- How do you write the equation of a line from a graph?

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?

Questions to Ask Your Child

KP GEOMETRY

- What is a rigid transformation?
- What is a composite transformation?
- What are some ways you can tell if two triangles are congruent (the same)?

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 second quarter of school?

SCIENCE

- Describe the life cycle of a star and how to classify using the H-R Diagram
- Model how the tilted Earth revolves around the Sun, causing seasons
- Describe and predict how the movement of the Sun, Earth, and Moon impact tides
- Identify global patterns of atmospheric movement and the impact on weather and climate

BIOLOGY

- Analyze the significance of the role of nucleic acids
- Predict possible outcomes of different genetic combinations
- Analyze and evaluate how evidence of common ancestry among groups is provided by the fossil record
- Analyze and evaluate how natural selection produced change in populations and not individuals

Questions to Ask Your Child

SCIENCE

- What patterns are found on the HR Diagram and how do they relate to the life cycle of a star?
- How would Earth's seasons change if the Earth was not tilted?
- What is the difference between high tide and low tide?
- What are the main wind patterns and what is the impact on climate?

Questions to Ask Your Child

BIOLOGY

- What are the primary roles of DNA and RNA in cells?
- How can tools like Punnett squares or pedigrees be used to predict offspring traits?
- How do scientists use the fossil record to trace the lineage of specific traits over time?
- How does natural selection act on variations within a population?

How Can I Help My Child Learn at Home?

SCIENCE

- Create a worldwide wind map. Look up temperatures and climates for several locations around the world.

How Can I Help My Child Learn at Home?

BIOLOGY

- Using different colors of paper and cut out small squares. Hide the squares around a room and have someone look for squares. Which squares were found easily? Hide the squares again and see if the person can find the squares faster.





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

SOCIAL STUDIES (US HISTORY)

- Explain the issues surrounding important events of the American Revolution.
- Strengths and weaknesses of the Articles of Confederation that leads to the creation of the Constitution.
- The Bill of Rights and how they protect citizens from government abuse.
- The contributions of the Founding Fathers.

Questions to Ask Your Child

SOCIAL STUDIES (US HISTORY)

- How did the American Revolution end?
- What made the Constitution stronger than the Articles of Confederation?
- Who were the first five presidents and why are they important?

How Can I Help My Child Learn at Home?

SOCIAL STUDIES (US HISTORY)

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