



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

MATH

- Find area of rectangles, parallelograms, triangles and trapezoids
- Find missing dimensions of a figure
- Analyze statistical data from dot plots, box plots, stem-and-leaf plots, and histogram
- Determine mean, median, mode, and range

ADVANCED MATH

- Analyze statistical data from dot plots, box plots, stem-and-leaf plots, and histogram
- Determine mean, median, mode, and range
- Compare two groups of data using dot plots or box plots by comparing their shapes, centers and spreads
- Find the volume of rectangular prisms, pyramids, and triangular prisms
- Find missing dimensions of a figure

ACCELERATED MATH

- Analyze statistical data from dot plots, box plots, stem-and-leaf plots, and histogram
- Determine mean, median, mode, and range
- Compare two groups of data using dot plots or box plots by comparing their shapes, centers and spreads
- Financial Literacy Topics - assets and liabilities; calculate and compare simple and compound interest; savings and investments

Questions to Ask Your Child

MATH, ADVANCED MATH, AND ACCELERATED MATH

- How can you find the area of a (rectangle, parallelogram, triangle, or trapezoid)?
- Where can you find the formulas on your formula chart for calculating area and volume?
- What can you tell me about the mean, median, or mode?
- What is the difference between an asset and a liability?

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 fourth quarter of school?

SCIENCE

- Understand relationships in ecosystems
- Understand relationships between living and nonliving factors in ecosystems
- Development and details of the cell theory
- Compare basic characteristics of organisms

ADVANCED SCIENCE

- Understand variation of traits and natural selection
- Understand interactions in ecosystems
- Understand relationships between living and nonliving factors in ecosystems
- Understand the flow of energy and matter in ecosystems (food webs)
- Understand biodiversity in ecosystems

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

- How do organisms rely on living and nonliving organisms in our ecosystem here in the Houston area?
- What are the different stages of the rock cycle and how are the rocks formed at each stage?

ADVANCED SCIENCE

- What are examples of disruptions in our local ecosystem (think about food webs)
- What is an example of natural selection?

How Can I Help My Child Learn at Home?

SCIENCE & ADVANCED SCIENCE

- Take a nature walk at a local park or in your neighborhood and look for signs of ecological stability and change.

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?

SOCIAL STUDIES (CONTEMPORARY WORLD CULTURES)

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

