

FAMILY RESOURCE

Grade 5 October 2026

HISD



MATH

What will my child learn in October?

Your child will:

- ★ solve, estimate, and represent products and quotients of decimals, including problems up to a four-digit dividend and a one-digit divisor.
- ★ simplify expressions containing whole numbers and decimals while understanding and applying grouping symbols such as parentheses and brackets.
- ★ estimate solutions for addition and subtraction of fractions, and represent and solve problems involving fractions with unequal denominators.



SCIENCE

What will my child learn in October?

Your child will:

- ★ **investigate energy transformations** and describe how energy changes from one form to another in everyday systems.
- ★ **build and test electrical circuits** to demonstrate that electrical energy can be transformed into different forms of energy.
- ★ **explore the behavior of light** and demonstrate that light travels in a straight line until it is reflected, refracted, or absorbed.



LEARNING AT HOME

MATH FUN



Activity 1

When shopping or looking at digital receipts, pick a few items and practice multiplying or dividing total amounts. For example, calculate the price per item if a 4-pack costs \$5.20, or estimate the total cost of buying 3 items priced at \$2.85 each.



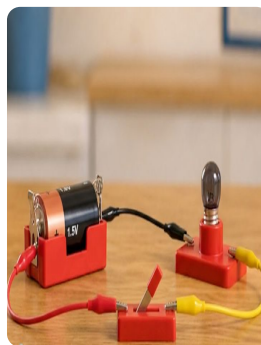
Activity 2

Pick a recipe that uses fractions with different denominators. Practice adding or subtracting the ingredients together by finding a common denominator or creating a visual representation before measuring them out.

SCIENCE FUN



Explore Light Around You Using a flashlight and a mirror, investigate how light behaves. **Investigation:** Place a spoon or pencil in a glass of water and observe how it appears to bend. **Discuss:** Why does the object look different in the water?



Circuit Spotting Together, identify products in your home that use electrical circuits, such as lamps, doorbells, remote-controlled toys, or computers.

Discuss:

- What might happen if the circuit is broken?
- Discuss what happens when the circuit opens.



RLA

What will my child learn in October?

Your child will:

- ★ Read and understand complex texts by identifying central ideas, summarizing key details, making inferences and connections, and combining information to develop new understanding.
- ★ Write clear informational texts with a focused central idea, organized paragraphs, relevant facts, transitions, and a conclusion.
- ★ Revise and edit their writing for clarity, sentence structure, word choice, capitalization, and punctuation.



SOR

What will my child learn in October?

Your child will:

- ★ Decode and spell multisyllabic words using digraphs, diphthongs, VCe, closed, and r-controlled syllables.
- ★ Apply spelling patterns when suffixes or consonant sounds change.
- ★ Revise and edit writing for complete sentences, capitalization, punctuation, and clarity.



Learning at Home

Create a Colonial Postcard

- ★ Draw a picture of a colonial community. On the back, write 3–5 sentences explaining why people settled there and how the geography affected their work and trade.
- ★ Circle one multisyllabic word and break it into syllables. Review your writing for complete sentences, capitalization, and punctuation.



Social Studies

What will my child learn in October?

Your child will:

- ★ Explore why Europeans established colonies in America.
- ★ Compare colonial governments and important colonial leaders.
- ★ Explain how geography shaped colonial industries and trade.

