



MATH

What will my child learn in October?

Your child will strengthen their understanding of multiplication and division, progress to solving multi-step multiplication problems, and end by multiplying larger numbers and exploring multiplicative comparisons.

They will learn how to:

- ★ Determine unknowns and solve one-step multiplication and division problems using the relationship between the two operations.
- ★ Represent and solve one and two-step multiplication problems, including multiplying a two-digit number by a one-digit number.
- ★ Multiply a two-digit number by a one-digit number and interpret multiplication as a comparison.



SCIENCE

What will my child learn in October?

Your child will explore the nature of forces and how pushes and pulls interact with objects to change their position and motion.

They will learn how to:

- ★ **Demonstrate and describe forces in contact and at a distance**, including pushes, pulls, magnetism, and gravity.
- ★ **Plan and conduct descriptive investigations** to demonstrate and explain how an object's position and motion can be changed by pushing and pulling (using objects like swings, balls, and wagons).
- ★ **Observe patterns in motion** and explain how changing the strength or direction of a force impacts an object's movement.



LEARNING AT HOME

MATH FUN

The "Math Around the House" Challenge

Help your child connect multiplication and division to the real world by finding items around your home that come in equal groups, such as water bottles, snack packs, eggs, or toys.

Ask your child to determine the total using multiplication, then use a related division fact to check their answer. For an extra challenge, have them create and solve a two-step problems using the items they found



SCIENCE FUN



Ramp & Motion Race: Create a simple ramp using a piece of cardboard. Test rolling different objects (a small ball, a toy car, an eraser) down the ramp. Predict which item will travel the farthest and discuss how gravity and pushing forces affect how far and fast the items move.



Gravity Test: Hold a lightweight ball or toy object at different heights and drop it into a soft bin or on the carpet. Ask your child to explain what force is pulling the object toward the ground without touching it (**gravity**).



RLA

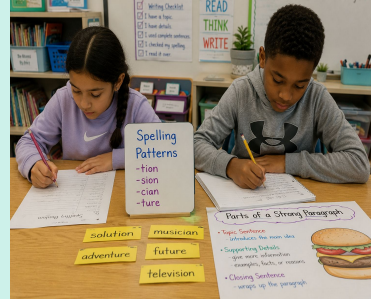


Your child will explore how the human body's skeletal, muscular, and nervous systems work together and travel back in time to discover the powerful culture, geography, and history of Ancient Rome.

- ★ Identify an author's main claim and distinguish between fact and opinion.
- ★ Use context clues to determine the meanings of unfamiliar words.
- ★ Plan and draft organized essays using specific text evidence to support ideas.



SOR



Students will build essential literacy skills by mastering complex spelling patterns and learning how to craft clear, organized writing.

- ★ Read and spell words with complex endings such as -le, -tion, and -sion.
- ★ Use correct verb tenses, apostrophes, and commas to make writing clear and accurate.
- ★ Develop simple sentences into organized informational texts.



Learning at Home

Try these simple activities together!



Mid-October (Body Systems): Ask your child to explain one way that physical activity or healthy food helps their skeletal and muscular systems stay strong.

Late October (Ancient Rome): Look at a map or a globe together to find the country of Italy and the city of Rome. Ask your child to share one fact they've learned about the Roman gods or the huge Roman Empire.



Social Studies



Your child will explore what makes a community unique, from cultural celebrations to the influential leaders and heroes who have shaped our world.

- ★ Explain how artists, writers, heroes, and good citizens contribute to a community's heritage.
- ★ Describe why people establish communities, including safety, shared laws, and freedom.
- ★ Identify individuals whose actions have positively influenced communities.