

# Curriculum Guide for Parents

# Third Grade

In third grade, your child will begin to model and solve problems involving multiplication and division. They need to learn their multiplication and division facts fluently. Third graders will develop the concept of fractions as a part of the number system. Reading is marked by students being able to figure out more challenging words and read and discuss more complex text. By the end of third grade, students will be able to:

## Math

- Multiply and divide numbers up to  $10 \times 10$  quickly and accurately
- Solve multi-step word problems involving a variety of contexts using addition, subtraction, multiplication, and division
- Recognize, represent, and compare fractions with a focus on unit fractions (ex:  $\frac{1}{3}$ ,  $\frac{1}{5}$ ,  $\frac{1}{6}$ )
- Measure and estimate weights and liquid volumes and intervals of time
- Relate concepts of area to multiplication and addition
- Determine the difference between area and perimeter
- Describe shapes and their characteristics

## Science

- Investigate motion and explain the factors that affect motion
- Compare and summarize the properties of matter before and after a change
- Recognize how energy is transferred.
- Recognize patterns in the earth/moon/sun system
- Compare the Earth's various surfaces.
- Compare and explain the human body systems (skeletal, muscular, skin)
- Investigate how plants survive in their environments

## English Language Arts

- Ask and answer questions by referencing complex grade level texts
- Engage in effective discussions on grade level topics and texts
- Read closely to understand text structure (character, setting, mood, message, cause/effect, main idea, text features)
- Use context clues to determine the meaning of words and phrases
- Understand point of view (author, character, personal)
- Compare and contrast the most important points from fiction and nonfiction texts
- Use phonics skills and clues from the texts to determine the meaning of unknown words in order to increase fluency and comprehension
- Write informative, opinion, and narrative pieces using the writing process
- Conduct short research projects independently about various topics
- Participate in classroom discussions by asking and answering questions and providing details to build on what is being discussed.

## Social Studies

- Explain how events, people, and ideas influence our local history
- Summarize how people affect and are affected by the Earth's geography
- Explain how location affects the economy
- Describe the local government
- Compare the diverse cultures within our community



**Asheboro City Schools**

*...the subject is excellence!*