

# ARKANSAS REFRIGERATOR CURRICULUM FOR THIRD GRADE



## ENGLISH LANGUAGE ARTS \*

*Aligned to Common Core State Standards*

- Read a wide range of stories and describe how a story teaches a lesson
- Describe characters in a story and how their actions contribute to events
- Read texts and answer questions about history, social studies, or science
- Refer to information from illustrations such as maps or pictures as well as the words in a text to support answers
- Use standard English when speaking and writing
- Learn and use new vocabulary, including words related to specific subjects (e.g., science words, social studies words)
- Participate in discussions by listening, asking questions, sharing ideas, and building on the ideas of others
- Write stories with dialogue, describing characters' actions, thoughts, and feelings
- Gather information from books, articles, and online sources to learn more about a topic
- Write research or opinion papers over extended periods of time

## MATHEMATICS \*

*Aligned to Common Core State Standards*

- Solve two-step word problems by adding, subtracting, multiplying, or dividing numbers through 100
- Use place value to round whole numbers to the nearest 10 or 100
- Quickly and accurately add and subtract numbers through 1000
- Multiply one-digit whole numbers by multiples of 10 between 10 and 90. (e.g.,  $9 \times 80$  or  $5 \times 60$ )
- Multiply all one-digit numbers from memory

(know the times table)

- Relate the measurement of area to multiplication and division
- Understand fractions as numbers and identify them on a number line
- Compare the size of two fractions (e.g.,  $1/2 = 2/4$ ,  $4/6 = 2/3$ )
- Express whole numbers as fractions and identify fractions that are equal to whole numbers (e.g., recognize that  $3/1$  and 3 are the same number)
- Estimate and measure liquid volumes and weights; solve word problems using grams, kilograms, and liters
- Tell and write time to the nearest minute and measure time intervals in minutes
- Represent and interpret data on a picture graph and bar graph
- Measure lengths using rulers marked with halves and fourths of an inch

## SCIENCE

*Aligned to Arkansas Curriculum Frameworks*

- Learn to ask questions about outside surroundings
- Make predictions based on prior knowledge
- Safely use simple equipment and technology in scientific investigations
- Learn about sound waves
- Learn about different methods of producing electricity in Arkansas: coal, natural gas, nuclear, oil
- Become familiar with the respiratory system and muscular system
- Explore Earth's materials: rocks, minerals, fossils, soils
- Learn about living and extinct animals

## SOCIAL STUDIES

*Aligned to Arkansas Curriculum Frameworks*

- Know how to use a map legend/key
- Use maps to identify continents, oceans, lakes, mountains, states, cities
- Compare local community life with communities in other countries
- Understand citizens have rights and responsibilities
- Learn how people in families, schools, and communities set rules and solve problems
- Identify governmental leaders and famous Arkansans
- Identify examples of cultural contributions to history
- Develop and practice problem-solving methods

You are your child's first and most important teacher. We value your support in building a solid foundation to prepare your child for school. This is a list of concepts and skills that will help your child be successful in third grade. This list is only a sample and does not include everything that will be taught throughout the year.