

# ARKANSAS REFRIGERATOR CURRICULUM FOR FOURTH GRADE



## ENGLISH LANGUAGE ARTS \*

*Aligned to Common Core State Standards*

- Identify the theme or main idea of a story, play, or poem
- Compare stories from different cultures
- Compare and contrast the point of view from which different stories are told, including the difference between first and third person accounts
- Explain how an author uses facts, details, and evidence to support points; refer to these details/examples when drawing inferences from the text
- Read and interpret information presented in charts, graphs, timelines, and other illustrations
- 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
- Take notes and organize 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*

- Use place value to round multi-digit whole numbers to any place
- Compare two multi-digit numbers based on the meanings of the digits in each place, using the

symbols  $>$  (more than),  $=$  (equal to), and  $<$  (less than)

- Multiply and divide multi-digit numbers
- Quickly and accurately add and subtract whole numbers up to 1 million
- Create a fraction and explain why it is equal to another fraction
- Add and subtract fractions and mixed numbers (whole numbers mixed with fractions) that have the same denominators; multiply a fraction by a whole number
- Compare the size of two fractions with different numerators (top numbers) and different denominators (bottom numbers)
- Convert fractions with denominators of 10 or 100 into decimals
- Compare decimals and fractions using the symbols  $>$  (more than),  $=$  (equal to), and  $<$  (less than)
- Locate decimals on a number line
- Solve multi-step word problems involving measurement and conversion of measurement from larger to smaller units (e.g., km, m, cm; kg, g; lb., oz.; l, ml; hr., min, sec.)
- Represent and interpret data using a line plot containing fractions
- Draw and identify lines and angles; classify shapes by properties of their lines and angles

## SCIENCE

*Aligned to Arkansas Curriculum Frameworks*

- Conduct safe experiments with help
- Observe organisms with a microscope
- Recognize mammals, birds, fish, amphibians, and reptiles
- Become familiar with the digestive system, circulatory system, and nervous system

- Learn how plants and animals adjust to their environment
- Learn about changes in weather
- Understand the relationship between magnets and electricity
- Experiment with static and current electricity, including simple circuits

## SOCIAL STUDIES

*Aligned to Arkansas Curriculum Frameworks*

- Describe cultural characteristics of diverse populations in AR and the U.S.
- Learn about physical characteristics, natural resources, and industries of Arkansas
- Identify some specific rights/responsibilities
- Discuss reasons for human settlement patterns (e.g., jobs, climate, family)
- Identify the three branches of government in the U.S.
- Examine the meaning of the Pledge of Allegiance
- Identify major historic events that occurred during the 20th century in AR and the U.S.
- Use economic terms in solving economic problems

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 fourth grade. **This list is only a sample and does not include everything that will be taught throughout the year.**