ARKANSAS REFRIGERATOR CURRICULUM FOR FOURTH GRADE

ENGLISH LANGUAGE ARTS *
* Adapted from the Council of the Great City Schools Parent Roadmaps to Common Core Standards: http://www.cgcs.org/domain/36
Additional resource: National PTA http://www.pta.org/4446.htm

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

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☐ Convert fractions with denominators of 10 or 100 into decimals
☐ Compare decimals and fractions 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

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)
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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.