English Language Arts

- Name characters, settings, and major events in a story
- Show understanding of basic features of print (left to right, top of the page, bottom of the page, etc.)
- Recognize and name all uppercase and lowercase letters of the alphabet.
- Show understanding of spoken words, syllables, and sounds
- Name beginning, middle, and ending sound in a consonant-vowel-consonant or CVC word (ex. fox, red)
- Read consonant-vowel-consonant or CVC words (ex. cat, big)
- Write a complete sentence (capital letter, space between each word, ending mark)
- Speak and express thoughts, feelings, and ideas clearly

Mathematics

- Count numbers of objects in a group, sort objects into same groups (colors, shapes, etc.)
- Count to 100 by ones, fives, and tens
- Compare 2 groups to identify which is greater than or less than the other
- Read, write, and show numbers 0-20
- Understand 2D (circle, triangle, rectangle, hexagon, square) and 3D shapes (cube, cone, cylinder, sphere)

- Name and know value of a penny, nickel, and dime
- Show addition and subtraction using fingers, objects, drawings, etc
- Understand place value of 11-19 as groups of tens and ones
- Read time to the hour on digital and analog clocks

Social Studies

- Use words related to location, direction, and distance
- Identify home address, school, and city
- Discuss differences and similarities in families and communities
- Recognize the importance of protecting air, land, and water
- Recognize the need for rules and consequences for violating rules
- Practice good citizenship and good manners
- Identify the governor, famous Arkansans, and the president
- Recognize state and national symbols and holidays
- Recognize all people have economic wants and needs and must make choices

Science

- Learn by watching and gathering information from surroundings
- Identify objects in the sky: sun, moon, other stars, clouds, birds, airplanes
- Identify the five senses: hearing, seeing, smelling, tasting, touching
- Know the difference between living and non-living things
- Identify uses of electricity
- Identify basic life needs: water, food, air Describe the seasons

White Hall School District
Kindergarten Refrigerator Curriculum

English Language Arts

- Read and retell stories. Be able to name important details, the message or moral of the story, and the type of story (fiction or informational).**RL.1.2, RL.1.5, RI.1.10, RF.1.4**
- With adult support, ask and answer questions to understand the meaning of unknown words and phrases in a story. **RI.1.4, L.1.5**
- Be able to identify the parts of a sentence such as the first word, capitalization, and ending punctuation. **RF.1.1.A, L.1.1**
- Be able to identify the individual letter sounds as well as the vowel sounds (short and long) in one syllable words. **RF.1.2.A, RF.1.2.D**
- Be able to produce a one-syllable word from memory or thought that uses a consonant blend. (ex: star, snap, blot) **RF.1.2.B**
- Be able to isolate and produce beginning, middle, and ending sounds in one-syllable words while also being able to substitute the sounds in order to make new words (ex: rip, ship, lip, slip) **RF.1.2.C, RF.1.2.F**
- Be able to delete an individual sound or syllable from a word in order to make a new word. (ex: remember without the "re"= member; nice without the "n" = ice) **RF.1.2.E, RF.1.2.G**
- Be able to read and spell grade appropriate regularly and irregularly spelled words, including those with varied endings (ex: sad, sadly). **RF.1.3.A, RF.1.3.B, RF.1.3.C, RF.1.3.D, RF.1.3.E**
- Be able to break a two-syllable word into its individual parts. (ex: cupcake= cup & cake) **RF.1.3.F**
- Be able to write to express an opinion, to provide information, or to tell a story. This writing should contain at least two details, should use words that indicate the order of events (first, next) and should include an ending. **W.1.1, W.1.2, W.1.3**

Mathematics

- Use addition and subtraction within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions (e.g., by using objects, drawings, and equations with a symbol for the unknown number to represent the problem) **1.OA.A.1**
- Understand the meaning of the equal sign and determine if equations involving addition and subtraction are true or false For example: Which of the following equations are true and which are false?(6 = 6, 7 = 8 - 1, 5 + 2 = 2 + 5, or 4 + 1 = 5 + 2.) **1.OA.D.7**
- Understand that the two digits of a two-digit number represent amounts of tens and ones Understand the following as special cases: · 10 can be thought of as a bundle of ten ones — called a "ten" · The numbers from 11 to 19 are composed of a ten and one, two, three, four, five, six, seven, eight, or nine ones · The numbers 10, 20, 30, 40, 50, 60, 70, 80, 90 refer to one, two, three, four, five, six, seven, eight, or nine tens and 0 ones **1.NBT.B.2**
- Add within 100 using concrete models or drawings, relate the strategy used to a written expression or equation, and be able to explain the reasoning Note: Strategies should be based on place-value, properties of operations, and the relationship between addition and subtraction. **1.NBT.C.4**
- Express the length of an object as a whole number of length units, by laying multiple copies of a shorter object (the length unit) end to end; understand that the length measurement of an object is the number of same-size length units that span it with no gaps or overlaps Note: Limit to contexts where the object being measured is spanned by a whole number of length units with no gaps or overlaps **1.MD.A.2**
- Count collections of like coins (pennies, nickels, and dimes) **1.MD.B.5**
- Organize, represent, and interpret data with up to three categories, using tally tables, picture graphs and bar graphs · Ask and answer questions about the total number represented, how many in each category, and how many more or less are in one category than in another **1.MD.C.6**
- Partition circles and rectangles into two and four equal shares, describe the shares using the words halves, fourths, and quarters, and use the phrases half of, fourth of, and quarter of · Describe the whole as two of, or four of, the shares · Understand for these examples that decomposing into more equal shares creates smaller shares **1.G.A.3**

Social Studies

- Aligned to Arkansas Curriculum Frameworks
- Recognize symbols, cardinal directions, and physical features on a map **G.8.1.1, G.8.1.2, G.8.1.3**
- Use directional words **G.8.1.1**
- Know there are elements of culture (e.g., food, clothing, language, customs) **G.9.1.2**
- Know and follow classroom/school rules **C.3.1.1**
- Discuss the roles of family members and school personnel **C.1.1.2**
- Demonstrate rights and responsibilities of good citizens **C.2.1.3, C.3.1.1**
- Identify people and events observed in state and national celebrations and holidays **H.12.1.5**
- Use chronological terms and determine sequential order of events on a timeline **H.12.1.1, H.12.1.2**
- Know the difference between wants and needs, goods and services, and choices **E.6.1.3, E.7.1.1, E.7.1.2**
- Recognize why people need various types of transportation **G.1D.1.2**

Science

- Relationship between sound and vibrating materials; **1.PS4.1**
- Factors that impact what plants and animals need to survive; **1.LS1.1, 1.LS1.2, 1.LS3.1**
- Make observations of patterns of the sun, moon and stars; **1.ESS1.1, 1.ESS1.2**
- How objects can be changed or improved through engineering. **1.ETS1.1**

White Hall School District First Grade Refrigerator Curriculum

English Language Arts

- Ask and answer such questions as who, what, where, when, why, and how to demonstrate understanding of key details in a text.
- Identify the main topic of a multiparagraph text as well as the focus of specific paragraphs within the text.
- Know the letter/sound correspondences, including distinguishing long and short vowel sounds
- Decode words that follow the six syllable types
- Use context in grade-level text to confirm or self-correct word recognition and understanding, rereading as necessary
- Form and use regular and irregular verbs
- Use a known root word as a clue to the meaning of an unknown word with the same root
- Recount stories, including fables and folktales from diverse cultures, and determine their central message, lesson, or moral.
- Describe how characters in a story respond to major events and challenges.
- Recognize the distinguishing features of a paragraph including that multiple sentences may be used to form a paragraph and the author may indent or skip a line to signal a new paragraph
- Decode words with common prefixes and suffixes
- Form and use frequently occurring irregular plural nouns
- Use an apostrophe to form contractions and frequently occurring possessives
- Write informative/explanatory texts to introduce a topic, use facts and definitions to develop points, and provide a concluding statement or section
- Describe the connection between a series of historical events, scientific ideas or concepts, or steps in technical procedures in a text
- Identify the main purpose of a text, including what the author wants to answer, explain, or describe
- Compare and contrast the most important points presented by two texts on the same topic
- Form and use regular and irregular verbs
- Use adjectives and adverbs and choose between them depending on what is modified

Mathematics

- Understand that the three digits of a three-digit number represent amounts of hundreds, tens,and ones; e.g., 726 equals 7 hundreds, 2 tens, and 6 ones
- Understand that 100 can be thought of as a group of ten tens — called a "hundred"
- Understand that the numbers 100, 200, 300, 400, 500, 600, 700, 800, 900 refer to one, two,
- three, four, five, six, seven, eight, or nine groups of 100
- Count within 1000
- Skip-count by 5s, 10s, and 100s beginning at zero
- Add and subtract within 1000
- Mentally add 10 or 100 to a given number 100-900, and mentally subtract 10 or 100 from a given number 100- 900
- Determine whether a group of objects (up to 20) has an odd or even number of members (e.g., by pairing objects or counting them by 2s)
- Write an equation to express an even number (up to 20) as a sum of two equal addends.
- Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positionsRepresent a strategy with a related equation including a symbol for the unknown number
- Use addition to find the total number of objects arranged in rectangular arrays with up to 5 rows and up to 5 columns
- Measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, meter sticks, and measuring tapes
- Partition a rectangle into rows and columns of same-size squares and count to find the total number of squares
- Partition circles and rectangles into two, three, or four equal shares, describe the shares using the words halves, thirds, half of, a third of, etc., and describe the whole as two halves, three thirds, four fourths

Social Studies

- Locate countries bordering the U.S., the N/S Poles, equator, continents, oceans
- Use cardinal directions
- Compare customs, lifestyle, and clothing of people in other parts of the world
- Identify people/groups who make, apply, and enforce rules and laws
- Understand and follow school, classroom, and community rules
- Discuss rights and responsibilities of citizens
- Understand the significance of state/national symbols, holidays, and events
- Recognize changes between the present and past within the community
- Identify wants/needs, producers/consumers, and goods/services in the community

Science

- Identify characteristics of mammals, birds, and Learn about the function of plant parts: leaves, stems, flowers, roots
- Explore the relationship between force and motion
- Chart daily weather conditions Identify natural resources
- Explore the phases of the moon
- Learn to ask questions about outside surroundings

White Hall School District
Second Grade
Refrigerator Curriculum

English Language Arts

- Ask and answer questions across different texts
- Identify the main topic of a multiparagraph text as well as the focus of specific paragraphs within a text
- 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

- Recognize area as an attribute of plane figures
- Measure area by counting squares
- Relate area to operations of multiplication and addition
- Solve real-world problems involving perimeter
- Understand that shapes are in different categories and that shared attributes can make a larger category
- Partition shapes into parts with equal areas
- Express area as a unit fraction of the whole
- 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., 9×80 or 5×60)
- 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., 9×80 or 5×60)
- 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

Social Studies

- 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

Science

- 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

White Hall School District
Third Grade
Refrigerator Curriculum

English Language Arts

- 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

- 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

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

Science

- 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

White Hall School District
4th Grade
Refrigerator Curriculum

English Language Arts

- Determine the theme of a story, play, or poem, including how characters respond to challenges
- Describe how a narrator's or speaker's point of view influences how events are described
- Compare and contrast stories that deal with similar themes or topics
- Explain how authors use reasons and evidence to support points or ideas
- Draw on information from multiple books, articles, or online sources to locate an answer or to solve a problem quickly
- 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 research or opinion papers over extended periods of time

Mathematics

- Use place value to round multi-digit whole numbers to any place
- Write and interpret numerical expressions {e.g., add 8 and 7, then multiply by 2 can be written as 2 ×(8+7)}
- Analyze and determine relationships between numerical patterns
- Understand the place value system
- Quickly and accurately multiply multi-digit whole numbers
- Divide numbers with up to four digits by two digit numbers
- Read, write, and compare decimals to thousandths using the symbols > (more than), = (equal to), and < (less than)
- Add, subtract, multiply, and divide decimals to the hundredths place
- Add and subtract fractions with different denominators
- Multiply a fraction by a whole number or another fraction
- Divide fractions by whole numbers and whole numbers by fractions
- Measure volume using multiplication and addition
- Convert like measurement units within a given measurement system (e.g., convert 5cm to 0.05m)
- Represent and interpret data using a line plot containing fractions
- Classify two-dimensional figures into categories based on their properties

Social Studies

- Locate and explain the importance of major river systems in AR and the U.S.
- Discuss the differences and similarities among various types of maps used by geographers
- Describe customs, celebrations, and traditions of racial, ethnic, and religious groups in AR and the U.S.
- Recognize factors that influence migration
- Describe the system of checks and balances in government
- Identify elected state and federal officials
- Identify the founding documents that helped establish the U.S.
- Research and discuss contributions of significant individuals and explorers

Science

- Conduct safe experiments with help
- Actively investigate topics of interest. Suggestions include the following:
    - Grow plants under various conditions (e.g., more or less sunlight water, fertilizer)
    - Examine how various materials like a mirror, wood, or water reflect or absorb light energy
    - Investigate how crystals are formed
    - Examine a variety of rocks and minerals found in Arkansas
- Build a model of a plant or animal cell with common materials (e.g., modeling clay, construction paper, dried pasta)
- Research to discover how plants and animals get the energy they need
- Observe plants and animals in a given area and investigate food webs
- Learn about careers and contributions of scientists
- Identify the relationship of atoms to matter
- Summarize how light and heat influence matter
- Build and use simple machines (e.g., wheel and axle, lever)

White Hall School District Fifth Grade Refrigerator Curriculum