

Kitchen Science Standards

English Language Arts:

- Identify own name in print.
- Recognize that words are made up of letters
- Understand the meaning of new words from context of conversations, the use of pictures that accompany text or the use of concrete objects.
- Name items in common categories.
- Demonstrate or orally communicate position and directional words
- Determine the meaning of unknown words with assistance or cues from an adult.
- Understand that print has meaning by demonstrating the functions of print through play activities.
- Predict what might happen next during reading of text.
- Connect information or ideas in text to prior knowledge and experience.
- Respond to oral reading by commenting or questioning
- Use pictures and illustrations to aid comprehension
- Retell information from informational text.
- Gain text information from pictures, photos, simple charts and labels.
- Follow simple directions
- Dictated or produce "writing" to express thoughts.
- Begin to use resources to convey meaning.
- Display or share writing samples, illustrations and dictated stories with others.

- Name objects and label with assistance from adult cues
- Dictate words or produce writing approximations for a variety of purposes.
- Print letters of own name with other meaningful words with assistance using mock letters and/or conventional print.
- Ask questions about experiences, areas of interest, pictures, letters, words, logos or icons.
- Use a variety of resources to gather information with assistance.
- Share findings of information through retelling, media, and play.
- Attend to speakers, stories, poems and songs.
- Connect information and events to personal experiences by sharing or commenting.
- Follow simple oral directions.
- Initiate and sustain a conversation through turn taking.

Mathematics:

- Count to 10 in the context of daily activities and play.
- Touch objects and say the number names when counting in the context of daily activities and play.
- Demonstrate one-to-one correspondence when counting objects
- Determine "how many" in sets of 5 or fewer objects.
- Compare sets of equal, more and fewer and use the language of comparison.
- Write numerical representations or numerals in meaningful context.

- Begin to identify and use the language of units of time.
- Recognize that various devices measure time.
- Sequence or order events in the context of daily activities and play.
- Begin to use terms to compare the attributes of objects.
- Order a set of objects according to size, weight or length.
- Measure length and volume using non-standard units of measure.
- Demonstrate and begin to use the language of the relative position of objects in the environment and play situations.
- Sort, order and classify objects by one attribute
- Gather, sort and compare objects by similarities and differences in the context of daily activities and play.
- Place information on objects in a floor or table graph according to one attribute.
- Select the category or categories that have the most or fewest objects in a floor or table graph.

Science:

- Identify common needs of familiar living things.
- Begin to differentiate between real and pretend through stories, illustrations, play and other media.
- Explore and identify parts and wholes of familiar objects.
- Explore and compare materials that provide many different sensory experiences
- Sort familiar objects by one or more property.
- Demonstrate understanding of motion related words.
- Explore ways of moving objects in different ways.

- Identify the intended purpose of familiar tools
- Explore new uses for familiar materials through play, art or drama
- Use familiar objects to accomplish a purpose, complete a task or solve a problem.
- Demonstrate the safe use of tools, such as scissors, hammers, writing utensils with adult guidance.
- Ask questions about objects, organisms and events in their environment during shared stories, conversations, and play.
- Show interest in investigating unfamiliar objects, organisms and phenomena during shared stories, conversations and play
- Predict what will happen next based on previous experiences.
- Investigate natural laws acting upon objects, events and organisms.
- Use one or more of the senses to observe and learn about objects, organisms and phenomena for a purpose.
- Explore objects, organisms, and events using simple equipment
- Begin to make comparisons between objects or organisms based on their characteristics.
- Record or represent and communicate observations and findings through a variety of methods with assistance.
- Offer ideas and explanations of objects, organisms and phenomena, which may be correct or incorrect.
- Participate in simple, spontaneous scientific explorations with others.

Social Studies:

- Label days by function

- Begin to use or respond to the language of time such as next, before, soon, after, now and later as related to daily schedules and routines.
- Demonstrate awareness of different cultures through exploration of family customs and traditions.
- Demonstrate and use terms related to location, direction and distance.
- Explore the ways we use natural resources found in our environment.
- Recognize that people have many wants within the context of the family and classroom.
- Understand how sharing classroom materials will meet everyone's wants.
- Obtain things they want in socially acceptable ways.
- Interact with familiar and appropriate adults for assistance, when needed.
- Interact with and respond to guidance and assistance in socially accepted ways from familiar adults at school and home.
- Demonstrate an understanding of the specific roles and responsibilities within a group.
- Demonstrate cooperative behaviors such as helping, turn taking, sharing, comforting and compromising.
- Engage in problem-solving behavior with diminishing support from adults.

