

Alignment of *A Head Start on Science* Activities

The following shows the alignment of *A Head Start on Science* activities with the Scientific Inquiry, Physical Sciences, Life Sciences, and Earth Sciences strands of the California Preschool Learning Foundations.

Please note: *A Head Start on Science: Encouraging a Sense of Wonder* (Ritz, 2007) was created long before our current standards documents. The information below represents the best fit between the activities in *A Head Start on Science* and the California Preschool Learning Foundations (2012). Some modification of the activities may be needed to better align with the specific standards listed here.

The Senses

Activity	Scientific Inquiry	Physical, Life, and Earth Science
Useful Hand Lenses	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.3 Identify and use a greater variety of observation and measurement tools. May spontaneously use an appropriate tool, though may still need adult support.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p>
Looking at Me	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.3 Identify and use a greater variety of observation and measurement tools. May spontaneously use an appropriate tool, though may still need adult support.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>LS1.2 Indicate greater knowledge of body parts and processes (e.g., eating, sleeping, breathing, walking) in humans and other animals.</p>

Activity	Scientific Inquiry	Physical, Life, and Earth Science
Prism Play	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>2.1 Record information more regularly and in greater detail in various ways, with adult assistance, including pictures, words (dictated to adults), charts, journals, models, photos, or by tallying and graphing information.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p>
Color Walk	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p> <p>ES1.1 Demonstrate increased ability to investigate and compare characteristics (size, weight, shape, color, texture) of earth materials such as sand, rocks, soil, water, and air.</p>
Shape Walk	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p>
Light to See	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.3 Identify and use a greater variety of observation and measurement tools. May spontaneously use an appropriate tool, though may still need adult support.</p>	-

Activity	Scientific Inquiry	Physical, Life, and Earth Science
Scavenger Hunt	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p> <p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p> <p>ES1.1 Demonstrate increased ability to investigate and compare characteristics (size, weight, shape, color, texture) of earth materials such as sand, rocks, soil, water, and air.</p>
Tasting	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>2.1 Record information more regularly and in greater detail in various ways, with adult assistance, including pictures, words (dictated to adults), charts, journals, models, photos, or by tallying and graphing information.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p>
Smelly Cans	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p>
Smelling Flowers	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p>

Activity	Scientific Inquiry	Physical, Life, and Earth Science
Sound: Shake, Rattle, and Roll	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p>
A Sound Walk	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p>
Vibrations	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p> <p>PS2.2 Demonstrate an increased ability to observe and describe in greater detail the motion of objects (in terms of speed, direction, the ways things move), and to explore the effect of own actions on the motion of objects, including changes in speed and direction.</p>
Noise Makers	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p>

Activity	Scientific Inquiry	Physical, Life, and Earth Science
A Touch Collage	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p> <p>ES1.1 Demonstrate increased ability to investigate and compare characteristics (size, weight, shape, color, texture) of earth materials such as sand, rocks, soil, water, and air.</p>
Matching by Touch	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p>

Weather

Activity	Scientific Inquiry	Physical, Life, and Earth Science
A Wind Walk	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>ES2.2 Demonstrate an increased ability to observe, describe, and discuss changes in weather.</p>

Activity	Scientific Inquiry	Physical, Life, and Earth Science
A Windy Day	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.6 Demonstrate an increased ability to make inferences and form generalizations based on evidence.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>ES2.2 Demonstrate an increased ability to observe, describe, and discuss changes in weather.</p>
Air That Moves	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.5 Demonstrates an increased ability to make predictions and check them (e.g., may make more complex predictions, offer ways to test predictions, and discuss why predictions were correct or incorrect).</p>	<p>PS2.2 Demonstrate an increased ability to observe and describe in greater detail the motion of objects (in terms of speed, direction, the ways things move), and to explore the effect of own actions on the motion of objects, including changes in speed and direction.</p>
Parachutes	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.5 Demonstrates an increased ability to make predictions and check them (e.g., may make more complex predictions, offer ways to test predictions, and discuss why predictions were correct or incorrect).</p>	<p>PS2.2 Demonstrate an increased ability to observe and describe in greater detail the motion of objects (in terms of speed, direction, the ways things move), and to explore the effect of own actions on the motion of objects, including changes in speed and direction.</p>
My Shadow	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.5 Demonstrates an increased ability to make predictions and check them (e.g., may make more complex predictions, offer ways to test predictions, and discuss why predictions were correct or incorrect).</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>ES2.1 Demonstrate an increased ability to observe and describe natural objects in the sky and to notice patterns of movement and apparent changes in the sun and the moon.</p>

Activity	Scientific Inquiry	Physical, Life, and Earth Science
Shadows on my Playground	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.6 Demonstrate an increased ability to make inferences and form generalizations based on evidence.</p>	<p>ES2.1 Demonstrate an increased ability to observe and describe natural objects in the sky and to notice patterns of movement and apparent changes in the sun and the moon.</p>
Where Did the Shadows Go?	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.5 Demonstrates an increased ability to make predictions and check them (e.g., may make more complex predictions, offer ways to test predictions, and discuss why predictions were correct or incorrect).</p> <p>1.6 Demonstrate an increased ability to make inferences and form generalizations based on evidence.</p> <p>2.1 Record information more regularly and in greater detail in various ways, with adult assistance, including pictures, words (dictated to adults), charts, journals, models, photos, or by tallying and graphing information.</p>	<p>ES2.1 Demonstrate an increased ability to observe and describe natural objects in the sky and to notice patterns of movement and apparent changes in the sun and the moon.</p> <p>ES2.2 Demonstrate an increased ability to observe, describe, and discuss changes in weather.</p>
What is the Weather Like Today?	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>information more regularly and in greater detail in various ways, with adult assistance, including pictures, words (dictated to adults), charts, journals, models, photos, or by tallying and graphing information.</p>	<p>ES2.2 Demonstrate an increased ability to observe, describe, and discuss changes in weather.</p>
Snow Tracks and Traces	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>1.6 Demonstrate an increased ability to make inferences and form generalizations based on evidence.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p>

Activity	Scientific Inquiry	Physical, Life, and Earth Science
Snow on the Go	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>1.5 Demonstrates an increased ability to make predictions and check them (e.g., may make more complex predictions, offer ways to test predictions, and discuss why predictions were correct or incorrect).</p> <p>1.6 Demonstrate an increased ability to make inferences and form generalizations based on evidence.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>PS2.1 Demonstrate an increased awareness that objects and materials can change in various ways. Explore and describe in greater detail changes in objects and materials (rearrangement of parts; change in color, shape, texture, form, and temperature).</p>
Keeping Warm: Coats	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>1.5 Demonstrates an increased ability to make predictions and check them (e.g., may make more complex predictions, offer ways to test predictions, and discuss why predictions were correct or incorrect).</p> <p>1.6 Demonstrate an increased ability to make inferences and form generalizations based on evidence.</p>	<p>PS2.1 Demonstrate an increased awareness that objects and materials can change in various ways. Explore and describe in greater detail changes in objects and materials (rearrangement of parts; change in color, shape, texture, form, and temperature).</p> <p>ES2.3 Demonstrate an increased ability to notice and describe the effects of weather and seasonal changes on their own lives and on plants and animals.</p>

Physical Science

Activity	Scientific Inquiry	Physical, Life, and Earth Science
What's Magnetic?	<p>1.1 Demonstrate curiosity and an increased ability to raise questions about objects and events in their environment.</p> <p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.6 Demonstrate an increased ability to make inferences and form generalizations based on evidence.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p>
Magnetic Scavenger Hunt	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.5 Demonstrates an increased ability to make predictions and check them (e.g., may make more complex predictions, offer ways to test predictions, and discuss why predictions were correct or incorrect).</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p>
Magnetic Force through Objects	<p>1.1 Demonstrate curiosity and an increased ability to raise questions about objects and events in their environment.</p> <p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p>

Activity	Scientific Inquiry	Physical, Life, and Earth Science
Magnetic Mazes	<p>1.1 Demonstrate curiosity and an increased ability to raise questions about objects and events in their environment.</p> <p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>PS2.2 Demonstrate an increased ability to observe and describe in greater detail the motion of objects (in terms of speed, direction, the ways things move), and to explore the effect of own actions on the motion of objects, including changes in speed and direction.</p>
The Magnet Contest – Which Magnet is Stronger?	<p>1.1 Demonstrate curiosity and an increased ability to raise questions about objects and events in their environment.</p> <p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.6 Demonstrate an increased ability to make inferences and form generalizations based on evidence.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p>
My Favorite Rock	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p>	<p>ES1.1 Demonstrate increased ability to investigate and compare characteristics (size, weight, shape, color, texture) of earth materials such as sand, rocks, soil, water, and air.</p>
All Kinds of Rocks	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>ES1.1 Demonstrate increased ability to investigate and compare characteristics (size, weight, shape, color, texture) of earth materials such as sand, rocks, soil, water, and air.</p>

Activity	Scientific Inquiry	Physical, Life, and Earth Science
Balance	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.3 Identify and use a greater variety of observation and measurement tools. May spontaneously use an appropriate tool, though may still need adult support.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>1.5 Demonstrates an increased ability to make predictions and check them (e.g., may make more complex predictions, offer ways to test predictions, and discuss why predictions were correct or incorrect).</p> <p>2.1 Record information more regularly and in greater detail in various ways, with adult assistance, including pictures, words (dictated to adults), charts, journals, models, photos, or by tallying and graphing information.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p>
Balancing Me	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.6 Demonstrate an increased ability to make inferences and form generalizations based on evidence.</p>	-
Towers	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.3 Identify and use a greater variety of observation and measurement tools. May spontaneously use an appropriate tool, though may still need adult support.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p>

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Building with Blocks	-	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p>
Will it Roll?	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>1.5 Demonstrates an increased ability to make predictions and check them (e.g., may make more complex predictions, offer ways to test predictions, and discuss why predictions were correct or incorrect).</p> <p>1.6 Demonstrate an increased ability to make inferences and form generalizations based on evidence.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p> <p>PS2.2 Demonstrate an increased ability to observe and describe in greater detail the motion of objects (in terms of speed, direction, the ways things move), and to explore the effect of own actions on the motion of objects, including changes in speed and direction.</p>

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Ramps	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.3 Identify and use a greater variety of observation and measurement tools. May spontaneously use an appropriate tool, though may still need adult support.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>1.5 Demonstrates an increased ability to make predictions and check them (e.g., may make more complex predictions, offer ways to test predictions, and discuss why predictions were correct or incorrect).</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>PS2.2 Demonstrate an increased ability to observe and describe in greater detail the motion of objects (in terms of speed, direction, the ways things move), and to explore the effect of own actions on the motion of objects, including changes in speed and direction.</p>
Roller Coasters	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.5 Demonstrates an increased ability to make predictions and check them (e.g., may make more complex predictions, offer ways to test predictions, and discuss why predictions were correct or incorrect).</p>	<p>PS2.2 Demonstrate an increased ability to observe and describe in greater detail the motion of objects (in terms of speed, direction, the ways things move), and to explore the effect of own actions on the motion of objects, including changes in speed and direction.</p>
Marble Painting	-	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p>
Bubbles Raising Raisins	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.6 Demonstrate an increased ability to make inferences and form generalizations based on evidence.</p>	<p>PS2.2 Demonstrate an increased ability to observe and describe in greater detail the motion of objects (in terms of speed, direction, the ways things move), and to explore the effect of own actions on the motion of objects, including changes in speed and direction.</p>

Critters

Activity	Scientific Inquiry	Physical, Life, and Earth Science
Critters: Roly-Poly Sow Bugs	<p>1.1 Demonstrate curiosity and an increased ability to raise questions about objects and events in their environment.</p> <p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p> <p>LS1.2 Indicate greater knowledge of body parts and processes (e.g., eating, sleeping, breathing, walking) in humans and other animals.</p>
Critters: Meal Worms	<p>1.1 Demonstrate curiosity and an increased ability to raise questions about objects and events in their environment.</p> <p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.5 Demonstrates an increased ability to make predictions and check them (e.g., may make more complex predictions, offer ways to test predictions, and discuss why predictions were correct or incorrect).</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p> <p>LS1.2 Indicate greater knowledge of body parts and processes (e.g., eating, sleeping, breathing, walking) in humans and other animals.</p>
Critters: Observing Earthworms	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.3 Identify and use a greater variety of observation and measurement tools. May spontaneously use an appropriate tool, though may still need adult support.</p> <p>1.5 Demonstrates an increased ability to make predictions and check them (e.g., may make more complex predictions, offer ways to test predictions, and discuss why predictions were correct or incorrect).</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p> <p>LS1.2 Indicate greater knowledge of body parts and processes (e.g., eating, sleeping, breathing, walking) in humans and other animals.</p>

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Critters: Snails	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.3 Identify and use a greater variety of observation and measurement tools. May spontaneously use an appropriate tool, though may still need adult support.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p> <p>LS1.2 Indicate greater knowledge of body parts and processes (e.g., eating, sleeping, breathing, walking) in humans and other animals.</p>
Critters: Jumping Crickets	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.3 Identify and use a greater variety of observation and measurement tools. May spontaneously use an appropriate tool, though may still need adult support.</p> <p>2.1 Record information more regularly and in greater detail in various ways, with adult assistance, including pictures, words (dictated to adults), charts, journals, models, photos, or by tallying and graphing information.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p> <p>LS1.2 Indicate greater knowledge of body parts and processes (e.g., eating, sleeping, breathing, walking) in humans and other animals.</p>
Critters: Swimming Fish	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>2.1 Record information more regularly and in greater detail in various ways, with adult assistance, including pictures, words (dictated to adults), charts, journals, models, photos, or by tallying and graphing information.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p> <p>LS1.2 Indicate greater knowledge of body parts and processes (e.g., eating, sleeping, breathing, walking) in humans and other animals.</p>

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Critter Camouflage	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>1.6 Demonstrate an increased ability to make inferences and form generalizations based on evidence.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p> <p>LS1.2 Indicate greater knowledge of body parts and processes (e.g., eating, sleeping, breathing, walking) in humans and other animals.</p> <p>LS1.3 Recognize that living things have habitats in different environments suited to their unique needs.</p>
Spiderweb Collecting	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>LS1.2 Indicate greater knowledge of body parts and processes (e.g., eating, sleeping, breathing, walking) in humans and other animals.</p>
Making a Giant Spider Web	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>LS1.2 Indicate greater knowledge of body parts and processes (e.g., eating, sleeping, breathing, walking) in humans and other animals.</p>

Activity	Scientific Inquiry	Physical, Life, and Earth Science
Looking for Birds	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>1.5 Demonstrates an increased ability to make predictions and check them (e.g., may make more complex predictions, offer ways to test predictions, and discuss why predictions were correct or incorrect).</p> <p>2.1 Record information more regularly and in greater detail in various ways, with adult assistance, including pictures, words (dictated to adults), charts, journals, models, photos, or by tallying and graphing information.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p> <p>LS1.2 Indicate greater knowledge of body parts and processes (e.g., eating, sleeping, breathing, walking) in humans and other animals.</p>
Feeding the Birds	<p>1.1 Demonstrate curiosity and an increased ability to raise questions about objects and events in their environment.</p> <p>1.5 Demonstrates an increased ability to make predictions and check them (e.g., may make more complex predictions, offer ways to test predictions, and discuss why predictions were correct or incorrect).</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p> <p>LS2.2 Develop a greater understanding of the basic needs of humans, animals, and plants (e.g., food, water, sunshine, shelter).</p>
Building Bird Nests	<p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p> <p>LS2.2 Develop a greater understanding of the basic needs of humans, animals, and plants (e.g., food, water, sunshine, shelter).</p>

Water and Water Mixtures

Activity	Scientific Inquiry	Physical, Life, and Earth Science
Looking Through Water	<p>1.1 Demonstrate curiosity and an increased ability to raise questions about objects and events in their environment.</p> <p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.5 Demonstrates an increased ability to make predictions and check them (e.g., may make more complex predictions, offer ways to test predictions, and discuss why predictions were correct or incorrect).</p> <p>2.1 Record information more regularly and in greater detail in various ways, with adult assistance, including pictures, words (dictated to adults), charts, journals, models, photos, or by tallying and graphing information.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p>
Water Painting	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.5 Demonstrates an increased ability to make predictions and check them (e.g., may make more complex predictions, offer ways to test predictions, and discuss why predictions were correct or incorrect).</p> <p>1.6 Demonstrate an increased ability to make inferences and form generalizations based on evidence.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>ES2.3 Demonstrate an increased ability to notice and describe the effects of weather and seasonal changes on their own lives and on plants and animals.</p>

Activity	Scientific Inquiry	Physical, Life, and Earth Science
Absorbing Water	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>1.6 Demonstrate an increased ability to make inferences and form generalizations based on evidence.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p>
Absorbing Colors	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>1.5 Demonstrates an increased ability to make predictions and check them (e.g., may make more complex predictions, offer ways to test predictions, and discuss why predictions were correct or incorrect).</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p> <p>LS2.2 Develop a greater understanding of the basic needs of humans, animals, and plants (e.g., food, water, sunshine, shelter).</p>
Water Mixtures	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>1.5 Demonstrates an increased ability to make predictions and check them (e.g., may make more complex predictions, offer ways to test predictions, and discuss why predictions were correct or incorrect).</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p> <p>PS2.1 Demonstrate an increased awareness that objects and materials can change in various ways. Explore and describe in greater detail changes in objects and materials (rearrangement of parts; change in color, shape, texture, form, and temperature).</p>

Activity	Scientific Inquiry	Physical, Life, and Earth Science
Water Drops	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p> <p>PS2.1 Demonstrate an increased awareness that objects and materials can change in various ways. Explore and describe in greater detail changes in objects and materials (rearrangement of parts; change in color, shape, texture, form, and temperature).</p>
Water Magic	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>1.5 Demonstrates an increased ability to make predictions and check them (e.g., may make more complex predictions, offer ways to test predictions, and discuss why predictions were correct or incorrect).</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p>

Activity	Scientific Inquiry	Physical, Life, and Earth Science
Bubble Makers	<p>1.1 Demonstrate curiosity and an increased ability to raise questions about objects and events in their environment.</p> <p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.3 Identify and use a greater variety of observation and measurement tools. May spontaneously use an appropriate tool, though may still need adult support.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>1.5 Demonstrates an increased ability to make predictions and check them (e.g., may make more complex predictions, offer ways to test predictions, and discuss why predictions were correct or incorrect).</p> <p>1.6 Demonstrate an increased ability to make inferences and form generalizations based on evidence.</p> <p>2.1 Record information more regularly and in greater detail in various ways, with adult assistance, including pictures, words (dictated to adults), charts, journals, models, photos, or by tallying and graphing information.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p>
Sand Sculptures	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.3 Identify and use a greater variety of observation and measurement tools. May spontaneously use an appropriate tool, though may still need adult support.</p>	<p>ES1.1 Demonstrate increased ability to investigate and compare characteristics (size, weight, shape, color, texture) of earth materials such as sand, rocks, soil, water, and air.</p>

Activity	Scientific Inquiry	Physical, Life, and Earth Science
Mixing Colors	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p> <p>PS2.1 Demonstrate an increased awareness that objects and materials can change in various ways. Explore and describe in greater detail changes in objects and materials (rearrangement of parts; change in color, shape, texture, form, and temperature).</p>
Color Designs	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>1.5 Demonstrates an increased ability to make predictions and check them (e.g., may make more complex predictions, offer ways to test predictions, and discuss why predictions were correct or incorrect).</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p>
Water Drops as Art	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p>

Activity	Scientific Inquiry	Physical, Life, and Earth Science
Making Oobleck	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p> <p>PS2.1 Demonstrate an increased awareness that objects and materials can change in various ways. Explore and describe in greater detail changes in objects and materials (rearrangement of parts; change in color, shape, texture, form, and temperature).</p>
Snappy	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p> <p>PS2.1 Demonstrate an increased awareness that objects and materials can change in various ways. Explore and describe in greater detail changes in objects and materials (rearrangement of parts; change in color, shape, texture, form, and temperature).</p>

Seeds

Activity	Scientific Inquiry	Physical, Life, and Earth Science
Seeds in Our Food	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>1.5 Demonstrates an increased ability to make predictions and check them (e.g., may make more complex predictions, offer ways to test predictions, and discuss why predictions were correct or incorrect).</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p>
Where do Seeds come From?	<p>1.1 Demonstrate curiosity and an increased ability to raise questions about objects and events in their environment.</p> <p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p>

Activity	Scientific Inquiry	Physical, Life, and Earth Science
Sorting Seeds	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.3 Identify and use a greater variety of observation and measurement tools. May spontaneously use an appropriate tool, though may still need adult support.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p> <p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p>
How are Seeds Alike?	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p>
Soaking Seeds	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>1.5 Demonstrates an increased ability to make predictions and check them (e.g., may make more complex predictions, offer ways to test predictions, and discuss why predictions were correct or incorrect).</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p> <p>LS2.1 Observe and explore growth in humans, animals, and plants and demonstrate an increased understanding that living things change as they grow and go through transformations related to the life cycle (for example, from a caterpillar to butterfly).</p> <p>LS2.2 Develop a greater understanding of the basic needs of humans, animals, and plants (e.g., food, water, sunshine, shelter).</p>

Activity	Scientific Inquiry	Physical, Life, and Earth Science
Seeds to Plants	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.5 Demonstrates an increased ability to make predictions and check them (e.g., may make more complex predictions, offer ways to test predictions, and discuss why predictions were correct or incorrect).</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p> <p>LS2.1 Observe and explore growth in humans, animals, and plants and demonstrate an increased understanding that living things change as they grow and go through transformations related to the life cycle (for example, from a caterpillar to butterfly).</p> <p>LS2.2 Develop a greater understanding of the basic needs of humans, animals, and plants (e.g., food, water, sunshine, shelter).</p>
Terrariums	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p> <p>LS2.1 Observe and explore growth in humans, animals, and plants and demonstrate an increased understanding that living things change as they grow and go through transformations related to the life cycle (for example, from a caterpillar to butterfly).</p> <p>LS2.2 Develop a greater understanding of the basic needs of humans, animals, and plants (e.g., food, water, sunshine, shelter).</p>
An Ear of Corn	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p>

Activity	Scientific Inquiry	Physical, Life, and Earth Science
Popping Up Some Change	<p>1.1 Demonstrate curiosity and an increased ability to raise questions about objects and events in their environment.</p> <p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>2.1 Record information more regularly and in greater detail in various ways, with adult assistance, including pictures, words (dictated to adults), charts, journals, models, photos, or by tallying and graphing information.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p> <p>PS2.1 Demonstrate an increased awareness that objects and materials can change in various ways. Explore and describe in greater detail changes in objects and materials (rearrangement of parts; change in color, shape, texture, form, and temperature).</p>
Seeds as Food	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>1.5 Demonstrates an increased ability to make predictions and check them (e.g., may make more complex predictions, offer ways to test predictions, and discuss why predictions were correct or incorrect).</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p>
Seed Wreath	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p>

Activity	Scientific Inquiry	Physical, Life, and Earth Science
Pondering Pumpkins: The Outsides	<p>1.1 Demonstrate curiosity and an increased ability to raise questions about objects and events in their environment.</p> <p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.3 Identify and use a greater variety of observation and measurement tools. May spontaneously use an appropriate tool, though may still need adult support.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p>
Pondering Pumpkins: The Insides	<p>1.1 Demonstrate curiosity and an increased ability to raise questions about objects and events in their environment.</p> <p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.5 Demonstrates an increased ability to make predictions and check them (e.g., may make more complex predictions, offer ways to test predictions, and discuss why predictions were correct or incorrect).</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p>

Nature Walks

Activity	Scientific Inquiry	Physical, Life, and Earth Science
Nature Bracelets	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p>	<p>PS1.1 Demonstrate increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects, and of solid and nonsolid materials (size, weight, shape, color, texture, and sound).</p> <p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p>
Observing Weeds	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.3 Identify and use a greater variety of observation and measurement tools. May spontaneously use an appropriate tool, though may still need adult support.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>1.6 Demonstrate an increased ability to make inferences and form generalizations based on evidence.</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p>
Animal Walk	<p>1.1 Demonstrate curiosity and an increased ability to raise questions about objects and events in their environment.</p> <p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>2.1 Record information more regularly and in greater detail in various ways, with adult assistance, including pictures, words (dictated to adults), charts, journals, models, photos, or by tallying and graphing information.</p> <p>2.2 Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p> <p>LS1.2 Indicate greater knowledge of body parts and processes (e.g., eating, sleeping, breathing, walking) in humans and other animals.</p>

Activity	Scientific Inquiry	Physical, Life, and Earth Science
Adopting a Tree	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.3 Identify and use a greater variety of observation and measurement tools. May spontaneously use an appropriate tool, though may still need adult support.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>2.1 Record information more regularly and in greater detail in various ways, with adult assistance, including pictures, words (dictated to adults), charts, journals, models, photos, or by tallying and graphing information.</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p>
Visit to a Nursery	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p>
Branch Puzzles	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p> <p>1.6 Demonstrate an increased ability to make inferences and form generalizations based on evidence.</p> <p>2.1 Record information more regularly and in greater detail in various ways, with adult assistance, including pictures, words (dictated to adults), charts, journals, models, photos, or by tallying and graphing information.</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p>

Activity	Scientific Inquiry	Physical, Life, and Earth Science
Leaves: Falling for You!	<p>1.2 Observe objects and events in the environment and describe them in greater detail.</p> <p>1.4 Compare and contrast objects and events and describe similarities and differences in greater detail.</p>	<p>LS1.1 Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.</p> <p>LS2.1 Observe and explore growth in humans, animals, and plants and demonstrate an increased understanding that living things</p> <p>ES2.3 Demonstrate an increased ability to notice and describe the effects of weather and seasonal changes on their own lives and on plants and animals.</p>