

**Main Criteria:** Washington State K-12 Learning Standards and Guidelines

**Secondary Criteria:** Science Grade 1 2017

**Subject:** Science

**Grade:** 1

**Correlation Options:** Show All

**Washington State K-12 Learning Standards and Guidelines**

**Science**

Grade: 1 - Adopted: 2014

EALR	WA.1-PS.	PHYSICAL SCIENCE
<b>BIG IDEA / CORE CONTENT</b>	<b>1-PS4.</b>	<b>Waves and their Applications in Technologies for Information Transfer</b>
<b>CORE CONTENT / CONTENT STANDARD</b>		Students who demonstrate understanding can:
<b>CONTENT STANDARD / PERFORMANCE EXPECTATION</b>	1-PS4-1.	Plan and conduct investigations to provide evidence that vibrating materials can make sound and that sound can make materials vibrate.  <u>Science Grade 1 2017</u> Science 1B- Module 4: Sound Science 1B- Module 4: Sounds Heard in Nature
<b>CONTENT STANDARD / PERFORMANCE EXPECTATION</b>	1-PS4-2.	Make observations to construct an evidence-based account that objects can be seen only when illuminated.  <u>Science Grade 1 2017</u> Science 1A- Module 1: Classifying Leaves Science 1A- Module 3: Light
<b>CONTENT STANDARD / PERFORMANCE EXPECTATION</b>	1-PS4-3.	Plan and conduct an investigation to determine the effect of placing objects made with different materials in the path of a beam of light.  <u>Science Grade 1 2017</u> Science 1A- Module 3: Light
<b>CONTENT STANDARD / PERFORMANCE EXPECTATION</b>	1-PS4-4.	Use tools and materials to design and build a device that uses light or sound to solve the problem of communicating over a distance.  <u>Science Grade 1 2017</u> Science 1A- Module 3: Light Science 1B- Module 4: Sound Science 1B- Module 4: Sounds Heard in Nature
EALR	WA.1-LS.	LIFE SCIENCE
<b>BIG IDEA / CORE CONTENT</b>	<b>1-LS1.</b>	<b>From Molecules to Organisms: Structures and Processes</b>
<b>CORE CONTENT / CONTENT STANDARD</b>		Students who demonstrate understanding can:
<b>CONTENT STANDARD / PERFORMANCE EXPECTATION</b>	1-LS1-1.	Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs.

		<p><u>Science Grade 1 2017</u></p> <p>Science 1A- Module 1: Seasons and Daylight Exploration  Science 1A- Module 2: Observing Animal Tracks  Science 1A- Module 2: Role of Seeds  Science 1A- Module 3: Basics Needs of Animals  Science 1A- Module 4: Animal Adaptation and Offspring  Science 1A- Module 4: Animals and Weather Change</p> <p>Science 1A- Module 4: Living with Nature  Science 1A- Module 5: Wild Animal Responses  Science 1A- Module 5: Winter and Snow Formation</p> <p>Science 1A- Module 6: Concept of Hibernation  Science 1B- Module 1: Nocturnal and Diurnal Animals  Science 1B- Module 1: Animals in the Artics  Science 1B- Module 2: Dolphins and Sea Life  Science 1B- Module 2: Planting a Tomato  Science 1B- Module 3: Life in a Pond  Science 1B- Module 3: Life in the Forest  Science 1B- Module 4: Sounds Heard in Nature  Science 1B- Module 5: Cycle of the Sunflower  Science 1B- Module 5: Deciduous Trees  Science 1B- Module 6: Comparing Butterflies  Science 1B- Module 6: Planting Garden</p>
CONTENT STANDARD / PERFORMANCE EXPECTATION	1-LS1-2.	<p>Read texts and use media to determine patterns in behavior of parents and offspring that help offspring survive.</p> <p><u>Science Grade 1 2017</u></p> <p>Science 1A- Module 2: Birds in Nature  Science 1A- Module 3: Basics Needs of Animals  Science 1A- Module 4: Animal Adaptation and Offspring  Science 1A- Module 4: Animals and Weather Change</p> <p>Science 1A- Module 5: Wild Animal Responses  Science 1A- Module 6: Concept of Hibernation  Science 1B- Module 1: Nocturnal and Diurnal Animals  Science 1B- Module 2: Dolphins and Sea Life  Science 1B- Module 5: Birdhouses and Nesting Behavior  Science 1B- Module 6: Bees and Pollination II</p>
EALR	WA.1-LS.	LIFE SCIENCE
BIG IDEA / CORE CONTENT	1-LS3.	Heredity: Inheritance and Variation of Traits
CORE CONTENT / CONTENT STANDARD		Students who demonstrate understanding can:

<p><b>CONTENT STANDARD / PERFORMANCE EXPECTATION</b></p>	<p><b>1-LS3-1.</b></p>	<p><b>Make observations to construct an evidence-based account that young plants and animals are like, but not exactly like, their parents.</b></p> <p><u>Science Grade 1 2017</u></p> <p>Science 1A- Module 1: Classifying Leaves  Science 1A- Module 1: Seasons and Daylight Exploration  Science 1A- Module 2: Birds in Nature  Science 1A- Module 2: Role of Seeds  Science 1A- Module 4: Animal Adaptation and Offspring  Science 1A- Module 5: Comparing Tree Types  Science 1A- Module 6: Concept of Hibernation  Science 1B- Module 2: Planting a Tomato  Science 1B- Module 3: Life in a Pond  Science 1B- Module 3: Life in the Forest  Science 1B- Module 4: Characteristics of the Maple Leaf  Science 1B- Module 5: Birdhouses and Nesting Behavior  Science 1B- Module 5: Cycle of the Sunflower  Science 1B- Module 5: Deciduous Trees  Science 1B- Module 6: Bees and Pollination II  Science 1B- Module 6: Comparing Butterflies  Science 1B- Module 6: Planting Garden</p>
<p><b>EALR</b></p>	<p><b>WA.1-ESS.</b></p>	<p><b>EARTH AND SPACE SCIENCE</b></p>
<p><b>BIG IDEA / CORE CONTENT</b></p>	<p><b>1-ESS1.</b></p>	<p><b>Earth's Place in the Universe</b></p>
<p><b>CORE CONTENT / CONTENT STANDARD</b></p>		<p><b>Students who demonstrate understanding can:</b></p>
<p><b>CONTENT STANDARD / PERFORMANCE EXPECTATION</b></p>	<p><b>1-ESS1-1.</b></p>	<p><b>Use observations of the sun, moon, and stars to describe patterns that can be predicted.</b></p> <p><u>Science Grade 1 2017</u></p> <p>Science 1A- Module 1: Moon and Seasons  Science 1A- Module 1: Seasons and Daylight Exploration  Science 1A- Module 2: Birds in Nature  Science 1A- Module 3: Cloud Formation  Science 1A- Module 6: Constellations in the Night Sky</p>
<p><b>CONTENT STANDARD / PERFORMANCE EXPECTATION</b></p>	<p><b>1-ESS1-2.</b></p>	<p><b>Make observations at different times of year to relate the amount of daylight to the time of year.</b></p> <p><u>Science Grade 1 2017</u></p> <p>Science 1A- Module 1: Classifying Leaves  Science 1A- Module 1: Seasons and Daylight Exploration  Science 1A- Module 2: Birds in Nature  Science 1A- Module 3: Basics Needs of Animals  Science 1A- Module 4: Animal Adaptation and Offspring</p>

		<p>Science 1A- Module 5: Winter and Snow Formation</p> <p>Science 1A- Module 6: Concept of Hibernation</p> <p>Science 1B- Module 3: Reading a Thermometer</p> <p>Science 1B- Module 5: Cycle of the Sunflower</p>
<b>EALR</b>	<b>WA.K-2-ETS.</b>	<b>ENGINEERING DESIGN</b>
<b>BIG IDEA / CORE CONTENT</b>	<b>K-2-ETS1.</b>	<b>Engineering Design</b>
<b>CORE CONTENT / CONTENT STANDARD</b>		<b>Students who demonstrate understanding can:</b>
<b>CONTENT STANDARD / PERFORMANCE EXPECTATION</b>	<b>K-2-ETS1-1.</b>	<p>Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool.</p> <p><u>Science Grade 1 2017</u></p> <p>Science 1A- Module 3: Light</p>
<b>CONTENT STANDARD / PERFORMANCE EXPECTATION</b>	<b>K-2-ETS1-2.</b>	<p>Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem.</p> <p><u>Science Grade 1 2017</u></p> <p>Science 1A- Module 3: Basics Needs of Animals</p> <p>Science 1A- Module 3: Light</p> <p>Science 1A- Module 3: Making a Weather Chart</p> <p>Science 1B- Module 4: Sound</p> <p>Science 1B- Module 5: Birdhouses and Nesting Behavior</p>
<b>CONTENT STANDARD / PERFORMANCE EXPECTATION</b>	<b>K-2-ETS1-3.</b>	<p>Analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs.</p>
		<b>No Correlations</b>