

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

Secondary Criteria: Science Grade 2 2017

Subject: Science

Grade: 2

Correlation Options: Show All

Washington State K-12 Learning Standards and Guidelines

Science

Grade: 2 - Adopted: 2014

EALR	WA.2-PS.	PHYSICAL SCIENCE
BIG IDEA / CORE CONTENT	2-PS1.	Matter and its Interactions
CORE CONTENT / CONTENT STANDARD		Students who demonstrate understanding can:
CONTENT STANDARD / PERFORMANCE EXPECTATION	2-PS1-1.	<p>Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties.</p> <p><u>Science Grade 2 2017</u> Science 2A- Module 1: The Five Senses Science 2A- Module 2: Properties of Matter Science 2A- Module 2: States of Matter Science 2A- Module 3: Trees and Leaves</p>
CONTENT STANDARD / PERFORMANCE EXPECTATION	2-PS1-2.	<p>Analyze data obtained from testing different materials to determine which materials have the properties that are best suited for an intended purpose.</p> <p><u>Science Grade 2 2017</u> Science 2A- Module 1: Behavior of Ants Science 2A- Module 1: The Five Senses Science 2A- Module 1: Types of Birds Science 2A- Module 2: Properties of Matter Science 2A- Module 2: Heat and Temperature Science 2A- Module 2: States of Matter Science 2A- Module 3: Trees and Leaves Science 2A- Module 5: Animal Characteristics Science 2A- Module 5: Behavior of Bees Science 2A- Module 6: Animal Habitats and Weather Science 2A- Module 6: Different Nests for Different Birds Science 2B- Module 1: Characteristics of the Weaverbird Science 2B- Module 1: Characteristics of the Swiftlet Bird</p>
CONTENT STANDARD / PERFORMANCE EXPECTATION	2-PS1-3.	<p>Make observations to construct an evidence-based account of how an object made of a small set of pieces can be disassembled and made into a new object.</p>

		<u>Science Grade 2 2017</u> Science 2/A/Module 6/Different Nests for Different Birds
CONTENT STANDARD / PERFORMANCE EXPECTATION	2-PS1-4.	Construct an argument with evidence that some changes caused by heating or cooling can be reversed and some cannot. <u>Science Grade 2 2017</u> Science 2A- Module 2: Heat and Temperature Science 2A- Module 2: States of Matter
EALR	WA.2-LS.	LIFE SCIENCE
BIG IDEA / CORE CONTENT	2-LS2.	Ecosystems: Interactions, Energy, and Dynamics
CORE CONTENT / CONTENT STANDARD		Students who demonstrate understanding can:
CONTENT STANDARD / PERFORMANCE EXPECTATION	2-LS2-1.	Plan and conduct an investigation to determine if plants need sunlight and water to grow. <u>Science Grade 2 2017</u> Science 2A- Module 3: Experiments with Plants Science 2A- Module 4: Stories about Nature and Interactions Science 2B- Module 3: Animal Food Chains Science 2B- Module 4: Biomes
CONTENT STANDARD / PERFORMANCE EXPECTATION	2-LS2-2.	Develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants. <u>Science Grade 2 2017</u> Science 2A- Module 2: Animal Cooperation Science 2A- Module 3: Trees and Leaves Science 2A- Module 5: Behavior of Bees
EALR	WA.2-LS.	LIFE SCIENCE
BIG IDEA / CORE CONTENT	2-LS4.	Biological Evolution: Unity and Diversity
CORE CONTENT / CONTENT STANDARD		Students who demonstrate understanding can:
CONTENT STANDARD / PERFORMANCE EXPECTATION	2-LS4-1.	Make observations of plants and animals to compare the diversity of life in different habitats. <u>Science Grade 2 2017</u> Science 2A- Module 2: Animal Habitats Science 2A- Module 3: Plant and Animal Rhythm Science 2A- Module 3: Trees and Leaves Science 2A- Module 4: Squirrel Habitats Science 2A- Module 5: Animal Needs Science 2A- Module 6: Animal Habitats and Weather Science 2B- Module 1: Large Habitats Science 2B- Module 2: Animals: Vertebrates and Invertebrates Science 2B- Module 2: Warm- and Cold-Blooded Animals

		<p>Science 2B- Module 3: Carnivores, Herbivores, and Omnivores</p> <p>Science 2B- Module 4: Biomes</p> <p>Science 2B- Module 5: Characteristics of Reptiles</p> <p>Science 2B- Module 5: The Dolphin and the Field Mouse</p> <p>Science 2B- Module 6: Characteristics of Birds of Prey</p> <p>Science 2B- Module 6: Characteristics of Fish</p> <p>Science 2B- Module5: Tadpoles to Frogs</p>
EALR	WA.2-ESS.	EARTH AND SPACE SCIENCE
BIG IDEA / CORE CONTENT	2-ESS1.	Earth's Place in the Universe
CORE CONTENT / CONTENT STANDARD		Students who demonstrate understanding can:
CONTENT STANDARD / PERFORMANCE EXPECTATION	2-ESS1-1.	<p>Make observations from media to construct an evidence-based account that Earth events can occur quickly or slowly.</p> <p><u>Science Grade 2 2017</u></p> <p>Science 2A- Module 6: Animal Habitats and Weather</p> <p>Science 2B- Module 1: Events on Earth</p>
EALR	WA.2-ESS.	EARTH AND SPACE SCIENCE
BIG IDEA / CORE CONTENT	2-ESS2.	Earth's Systems
CORE CONTENT / CONTENT STANDARD		Students who demonstrate understanding can:
CONTENT STANDARD / PERFORMANCE EXPECTATION	2-ESS2-1.	<p>Compare multiple solutions designed to slow or prevent wind or water from changing the shape of the land.</p> <p><u>Science Grade 2 2017</u></p> <p>Science 2B/Module 1/Events on Earth</p>
CONTENT STANDARD / PERFORMANCE EXPECTATION	2-ESS2-2.	<p>Develop a model to represent the shapes and kinds of land and bodies of water in an area.</p> <p><u>Science Grade 2 2017</u></p> <p>Science 2B- Module 1: Events on Earth</p>
CONTENT STANDARD / PERFORMANCE EXPECTATION	2-ESS2-3.	<p>Obtain information to identify where water is found on Earth and that it can be solid or liquid.</p> <p><u>Science Grade 2 2017</u></p> <p>Science 2A- Module 2: States of Matter</p> <p>Science 2A- Module 4: Stories about Nature</p> <p>Science 2B- Module 1: Events on Earth</p>
EALR	WA.K-2-ETS.	ENGINEERING DESIGN
BIG IDEA / CORE CONTENT	K-2-ETS1.	Engineering Design
CORE CONTENT / CONTENT STANDARD		Students who demonstrate understanding can:
CONTENT STANDARD / PERFORMANCE EXPECTATION	K-2-ETS1-1.	<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 2 2017</u></p> <p>Science 2A-Module 2-Heat and Temperature Science 2B-Module 3-Relationship Between Humans and Animals</p>
CONTENT STANDARD / PERFORMANCE EXPECTATION	K-2-ETS1-2.	<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 2 2017</u></p> <p>Science 2A- Module 1: Behavior of Ants Science 2A- Module 1: Types of Birds Science 2A- Module 2: Heat and Temperature Science 2A- Module 5: Animal Characteristics Science 2A- Module 5: Behavior of Bees Science 2A- Module 6: Animal Habitats and Weather</p> <p>Science 2A- Module 6: Different Nests for Different Birds Science 2B- Module 1: Characteristics of the Weaverbird Science 2B- Module 1: Characteristics of the Swiftlet Bird</p>
CONTENT STANDARD / PERFORMANCE EXPECTATION	K-2-ETS1-3.	<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> <p><u>Science Grade 2 2017</u></p> <p>Science 2A-Module 2-Heat and Temperature</p>