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

Secondary Criteria: Science K

Subject: Science

Grade: K

Correlation Options: Show All

Washington State K-12 Learning Standards and Guidelines

Science

Grade: **K** - Adopted: **2014**

EALR	WA.K-PS.	PHYSICAL SCIENCE
BIG IDEA / CORE CONTENT	K-PS2.	Motion and Stability: Forces and Interactions
CORE CONTENT / CONTENT STANDARD		Students who demonstrate understanding can:
CONTENT STANDARD / PERFORMANCE EXPECTATION	K-PS2-1.	Plan and conduct an investigation to compare the effects of different strengths or different directions of pushes and pulls on the motion of an object. Science K Science KA- Module 14: Forces and Movement Science KA- Module 15: Motion
CONTENT STANDARD / PERFORMANCE EXPECTATION	K-PS2-2.	Analyze data to determine if a design solution works as intended to change the speed or direction of an object with a push or a pull. Science K Science KA- Module 15: Motion
EALR	WA.K-PS.	PHYSICAL SCIENCE
BIG IDEA / CORE CONTENT	K-PS3.	Energy
CORE CONTENT / CONTENT STANDARD		Students who demonstrate understanding can:
CONTENT STANDARD / PERFORMANCE EXPECTATION	K-PS3-1.	Make observations to determine the effect of sunlight on Earth's surface. Science K Science KA- Module 01: The Summer Season Science KA- Module 04: Autumn Leaves and Weather Conditions Science KA- Module 05: Autumn and Falling Leaves Science KA- Module 08: Natural Fall Objects Science KA- Module 16: Freezing Water and Magnets Science KA- Module 17: Thunder and Lightning Science KB- Module 21: Animals and Offspring Science KB- Module 22: Shapes in Nature Science KB- Module 26: Rainbows and Evaporation Science KB- Module 31: Evening Stars and Constellations
CONTENT STANDARD / PERFORMANCE EXPECTATION	K-PS3-2.	Use tools and materials to design and build a structure that will reduce the warming effect of sunlight on an area.

		Science K **Science KA- Module 04: Autumn Leaves and Weather Conditions**
EALR	**WA.K-LS.**	**LIFE SCIENCE**
BIG IDEA / CORE CONTENT	**K-LS1.**	**From Molecules to Organisms: Structures and Processes**
CORE CONTENT / CONTENT STANDARD		**Students who demonstrate understanding can:**
CONTENT STANDARD / PERFORMANCE EXPECTATION	**K-LS1-1.**	**Use observations to describe patterns of what plants and animals (including humans) need to survive.** **Science K** **Science KA- Module 02: Leaves and Butterflies** **Science KA- Module 03: Deer in Fall** **Science KA- Module 04: Autumn Leaves and Weather Conditions** **Science KA- Module 06: Animal Habitats and Weather** **Science KA- Module 06: Squirrel Behavior** **Science KA- Module 07: Duck Observation** **Science KA- Module 08: Natural Fall Objects** **Science KA- Module 12: Nature Review** **Science KA- Module 13: Plant a Garden** **Science KA- Module 14: Assemble and Plant a Terrarium** **Science KA- Module 15: Grow a Bean Seed** **Science KA- Module 16: Make a Goldfish Bowl** **Science KA- Module 17: Animals and Weather Change** **Science KB- Module 21: Animals and Offspring** **Science KB- Module 22: Shapes in Nature** **Science KB- Module 26: Rainbows and Evaporation** **Science KB- Module 27: Making Maple Syrup** **Science KB- Module 28: Spring Flower Growth** **Science KB- Module 29: Spring Plant Growth** **Science KB- Module 30: Earthworms in Soil** **Science KB- Module 32: Birds and Bird Nests** **Science KB- Module 33: Pet Care and Nature Observations** **Science KB- Module 35: The Sound of Spring**
EALR	**WA.K-ESS.**	**EARTH AND SPACE SCIENCE**
BIG IDEA / CORE CONTENT	**K-ESS2.**	**Earth's Systems**
CORE CONTENT / CONTENT STANDARD		**Students who demonstrate understanding can:**
CONTENT STANDARD / PERFORMANCE EXPECTATION	**K-ESS2-1.**	**Use and share observations of local weather conditions to describe patterns over time.** **Science K** **Science KA- Module 01: The Summer Season**

		Science KA- Module 02: Leaves and Butterflies **Science KA- Module 03: Deer in Fall** **Science KA- Module 04: Autumn Leaves and Weather Conditions** **Science KA- Module 04: Making a Weather Chart** **Science KA- Module 05: Autumn and Falling Leaves** **Science KA- Module 06: Animal Habitats and Weather** **Science KA- Module 06: Squirrel Behavior** **Science KA- Module 08: Natural Fall Objects** **Science KA- Module 10: Animal Camouflage** **Science KA- Module 16: Freezing Water and Magnets** **Science KA- Module 17: Animals and Weather Change** **Science KA- Module 17: Thunder and Lightning** **Science KA- Module 18: Weather Extremes** **Science KB- Module 21: Animals and Offspring** **Science KB- Module 22: Shapes in Nature** **Science KB- Module 23: Winter and the Five Senses** **Science KB- Module 25: Spring Clouds** **Science KB- Module 26: Rainbows and Evaporation** **Science KB- Module 28: Spring Flower Growth** **Science KB- Module 29: Spring Plant Growth**
CONTENT STANDARD / PERFORMANCE EXPECTATION	**K-ESS2-2.**	**Construct an argument supported by evidence for how plants and animals (including humans) can change the environment to meet their needs.** **<u>Science K</u>** **Science KA- Module 04: Autumn Leaves and Weather Conditions** **Science KA- Module 05: Autumn and Falling Leaves** **Science KA- Module 06: Animal Habitats and Weather** **Science KA- Module 06: Squirrel Behavior** **Science KA- Module 09: Observing Nature** **Science KA- Module 12: Nature Review** **Science KA- Module 13: Plant a Garden** **Science KA- Module 15: Grow a Bean Seed** **Science KA- Module 17: Animals and Weather Change** **Science KB- Module 27: Making Maple Syrup** **Science KB- Module 32: Birds and Bird Nests** **Science KB- Module 33: Pet Care and Nature Observations** **Science KB- Module 36: Humans and the Environment**
EALR	**WA.K-ESS.**	**EARTH AND SPACE SCIENCE**

BIG IDEA / CORE CONTENT	K-ESS3.	Earth and Human Activity
CORE CONTENT / CONTENT STANDARD		Students who demonstrate understanding can:
CONTENT STANDARD / PERFORMANCE EXPECTATION	K-ESS3-1.	Use a model to represent the relationship between the needs of different plants or animals (including humans) and the places they live. <u>Science K</u> Science KA- Module 02: Leaves and Butterflies Science KA- Module 03: Deer in Fall Science KA- Module 04: Autumn Leaves and Weather Conditions Science KA- Module 06: Animal Habitats and Weather Science KA- Module 06: Squirrel Behavior Science KA- Module 07: Duck Observation Science KA- Module 08: Natural Fall Objects Science KA- Module 10: Animal Camouflage Science KA- Module 12: Nature Review Science KA- Module 13: Plant a Garden Science KA- Module 14: Assemble and Plant a Terrarium Science KA- Module 15: Grow a Bean Seed Science KA- Module 16: Make a Goldfish Bowl Science KA- Module 17: Animals and Weather Change Science KB- Module 21: Animals and Offspring Science KB- Module 22: Shapes in Nature Science KB- Module 26: Rainbows and Evaporation Science KB- Module 27: Making Maple Syrup Science KB- Module 28: Spring Flower Growth Science KB- Module 29: Spring Plant Growth Science KB- Module 30: Earthworms in Soil Science KB- Module 32: Birds and Bird Nests Science KB- Module 33: Pet Care and Nature Observations Science KB- Module 35: The Sound of Spring Science KB- Module 36: Frogs and Ponds
CONTENT STANDARD / PERFORMANCE EXPECTATION	K-ESS3-2.	Ask questions to obtain information about the purpose of weather forecasting to prepare for, and respond to, severe weather. <u>Science K</u> Science KA- Module 04: Autumn Leaves and Weather Conditions Science KA- Module 04: Making a Weather Chart Science KA- Module 05: Autumn and Falling Leaves Science KA- Module 16: Freezing Water and Magnets Science KA- Module 17: Thunder and Lightning

		Science KB- Module 21: Animals and Offspring Science KB- Module 23: Winter and the Five Senses Science KB- Module 25: Spring Clouds
CONTENT STANDARD / PERFORMANCE EXPECTATION	K-ESS3-3.	Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment. <u>Science K</u> Science KB- Module 26: Rainbows and Evaporation Science KB- Module 36: Humans and the Environment
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.	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. <u>Science K</u> Science KA- Module 04: Autumn Leaves and Weather Conditions Science KA- Module 04: Making a Weather Chart
CONTENT STANDARD / PERFORMANCE EXPECTATION	K-2-ETS1-2.	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. <u>Science K</u> Science KA- Module 04: Autumn Leaves and Weather Conditions Science KA- Module 04: Making a Weather Chart Science KA- Module 06: Animal Habitats and Weather Science KA- Module 14: Assemble and Plant a Terrarium Science KA- Module 16: Make a Goldfish Bowl Science KB- Module 33: Pet Care and Nature Observations Science KB- Module 36: Humans and the Environment
CONTENT STANDARD / PERFORMANCE EXPECTATION	K-2-ETS1-3.	Analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs. No Correlations