

Main Criteria: Next Generation Science Standards (NGSS)
Secondary Criteria: California Content Standards, Pennsylvania Core and Academic Standards
Subject: Science
Grade: 2

Correlation Options: Show All

Main Criteria Standards	California Content Standards	Pennsylvania Core and Academic Standards
Science		
Grade 2		
PERFORMANCE EXPECTATION: 2-PS1-1. - Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties.	2-PS1-1. - Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties. 2-PS1-2. - Analyze data obtained from testing different materials to determine which materials have the properties that are best suited for an intended purpose.	
PERFORMANCE EXPECTATION: 2-PS1-2. - Analyze data obtained from testing different materials to determine which materials have the properties that are best suited for an intended purpose.	2-PS1-1. - Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties. 2-PS1-2. - Analyze data obtained from testing different materials to determine which materials have the properties that are best suited for an intended purpose. 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.	
PERFORMANCE EXPECTATION: 2-PS1-3. - 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.	2-PS1-3. - 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.	
PERFORMANCE EXPECTATION: 2-PS1-4. - Construct an argument with evidence that some changes caused by heating or cooling can be	2-PS1-4. - Construct an argument with evidence that some changes caused by heating or cooling can be reversed and some cannot.	3.2.2.A3. - Demonstrate how heating and cooling may cause changes in the properties of materials.

reversed and some cannot.		3.2.2.B2. - Explore and describe how different forms of energy cause changes. (e.g., sunlight, heat, wind)
PERFORMANCE EXPECTATION: 2-LS2-1. - Plan and conduct an investigation to determine if plants need sunlight and water to grow.	2-LS2-1. - Plan and conduct an investigation to determine if plants need sunlight and water to grow.	
PERFORMANCE EXPECTATION: 2-LS2-2. - Develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants.	2-LS2-2. - Develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants.	
PERFORMANCE EXPECTATION: 2-LS4-1. - Make observations of plants and animals to compare the diversity of life in different habitats.	2-LS4-1. - Make observations of plants and animals to compare the diversity of life in different habitats[Clarification Statement: Emphasis is on the diversity of living things in each of a variety of different habitats.] [Assessment Boundary: Assessment does not include specific animal and plant names in specific habitats.]	3.1.2.C2. - Explain that living things can only survive if their needs are being met.
PERFORMANCE EXPECTATION: 2-ESS1-1. - Make observations from media to construct an evidence-based account that Earth events can occur quickly or slowly.	2-ESS1-1. - Make observations from media to construct an evidence-based account that Earth events can occur quickly or slowly.	
PERFORMANCE EXPECTATION: 2-ESS2-1. - Compare multiple solutions designed to slow or prevent wind or water from changing the shape of the land.	2-ESS2-1. - Compare multiple solutions designed to slow or prevent wind or water from changing the shape of the land.	
PERFORMANCE EXPECTATION: 2-ESS2-2. - Develop a model to represent the shapes and kinds of land and bodies of water in an area.	2-ESS2-2. - Develop a model to represent the shapes and kinds of land and bodies of water in an area. 2-ESS2-3. - Obtain information to identify where water is found on Earth and that it can be solid or liquid.	
PERFORMANCE EXPECTATION: 2-ESS2-3. - Obtain information to identify where water is found on Earth and that it can be solid or liquid.	2-ESS2-2. - Develop a model to represent the shapes and kinds of land and bodies of water in an area.	3.3.2.A4a. - Explore and describe that water exists in solid (ice) and liquid (water) form.

	2-ESS2-3. - Obtain information to identify where water is found on Earth and that it can be solid or liquid.	
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.	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.	SI.1. - Ask questions about objects, organisms, and events.
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.	2-PS1-2. - Analyze data obtained from testing different materials to determine which materials 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.	
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.	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.	