North Dakota Science

Grade 2

Adopted 2019

Earth's Systems	2-ESS2-1.	Compare and contrast multiple solutions designed to slow or prevent wind or water from changing the shape of the land. 2-ESS2-1
	2-ESS2-2.	Develop a model to represent the shapes and kinds of land and bodies of water in an area. 2-ESS2-2
	2-ESS2-3.	Obtain information to identify where water is found on Earth and that it can be solid or liquid. 2-ESS2-3
Engineering & Technology	K-2-ET1-1.	Ask questions, make observations, and gather information to define a simple problem (a situation people want to change) that can be solved through the development of a new or improved object or tool. K-2-ET1-1
	K-2-ET1-2.	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. K-2-ET1-2
	K-2-ET1-3.	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-ET1-3
Earth's Place in the Universe	2-ESS1-1.	Use information from several sources to provide evidence that Earth events can occur quickly or slowly. 2-ESS1-1
Matter & Its Interactions	2-PS1-1.	Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties. 2-PS1-1
	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-PS1-2
	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
	2-PS1-4.	Construct an argument with evidence that some changes caused by heating or cooling can be reversed and some cannot. 2-PS1-4

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Ecosystems: Interactions, Energy, and Dynamics	**2-LS2-1.**	**Plan an investigation to determine if plants need sunlight and water to grow.** 2-LS2-1
	2-LS2-2.	**Develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants.** 2-LS2-2
Biological Evolution: Unity and Diversity	**2-LS4-1.**	**Make observations of plants and animals to compare the diversity of life in different habitats.** 2-LS4-1