North Dakota Science

Grade 1

Adopted 2019

From Molecules to Organisms: Structures and Processes	1-LS1-1.	Construct an evidence-based argument with the use of a drawing or a model that illustrates how structures of plants or animals help them survive in their habitat. 1-LS1-1
	1-LS1-2.	Read texts and use media to determine patterns in behavior of parents and offspring that help offspring survive. 1-LS1-2
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
Waves and Their Applications in Technologies for Information Transfer	1-PS4-1.	Plan and conduct investigations to provide evidence that sound can make materials vibrate and that vibrating materials can make sound. 1-PS4-1
	1-PS4-2.	Construct an evidence-based account, through observation, that objects can be seen only when illuminated. 1-PS4-2
	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. 1-PS4-3
	1-PS4-4.	Design and build a device that uses light or sound to solve the problem of communicating over a distance. 1-PS4-4
Heredity: Inheritance and Variation of Traits	1-LS3-1.	Construct an evidence-based account, through observation, that young plants and animals are alike, but not exactly like, their parents. 1-LS3-1
Earth's Place in the Universe	1-ESS1-1.	Describe patterns that can be predicted through observations of the sun, moon, and stars. 1-ESS1-1

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1-ESS1-2. **Make observations at different times of the year to relate the amount of daylight to the time of year.** `1-ESS1-2`