Oklahoma Science

Grade 1

Waves and Their Applications in Technologies for Information Transfer PS4	1	Plan and conduct investigations to provide evidence that vibrating materials can make sound and that sound can make materials vibrate. 1.PS4.1
	2	Make observations to construct an evidence-based account that objects can be seen only when illuminated. 1.PS4.2
	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
	4	Use tools and materials to design and build a device that uses light or sound to solve the problem of communicating over a distance.* 1.PS4.4
From Molecules to Organisms: Structure and Function LS1	1	Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs.* 1.LS1.1
	2	Obtain information from media and/or text to determine patterns in the behavior of plants and animals that help offspring survive. 1.LS1.2
Heredity: Inheritance and Variation of Traits LS3	1	Make observations to construct an evidence-based account that young plants and animals are like, but not exactly like, their parents. 1.LS3.1
Earth's Place in the Universe ESS1	1	Use observations of the Sun, Moon, and stars to describe patterns that can be predicted. 1.ESS1.1
	2	Make observations at different times of year to relate the amount of daylight to the time of year. 1.ESS1.2
Earth and Human Activity ESS3	1	Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment. 1.ESS3.1