Oklahoma Science

Grade 1

Adopted 2020

Waves and Their Applications in Technologies for Information Transfer	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	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 parents and offspring that help offspring survive.** 1.LS1.2
Heredity: Inheritance and Variation of Traits	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	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 and relative temperature to the time of year.** 1.ESS1.2
Earth and Human Activity	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