

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