

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](#)