Louisiana Science

Grade 1

Adopted 2017

Physical Science

Waves and their Applications

1-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

1-PS4-2. Make observations to construct an evidence-based account 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. 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

Life Science

From Molecules to Organisms: Structures and Processes

1-LS1-1. Use tools and 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

1-LS1-2. Read grade-appropriate texts and use media to determine patterns in behavior of parents and offspring that help offspring survive. 1-LS1-2

Heredity: Inheritance and Variation of Traits

1-LS3-1. Make observations to construct an evidence-based account that young plants and animals are similar, but not exactly like, their parents. 1-LS3-1

Earth and Space Science

Earth's Place in the Universe

1-ESS1-1. Use observations of the sun, moon, and stars to describe patterns that can be predicted. 1-ESS1-1

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