

# 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**
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## 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**
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### 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**
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## 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**