

# Grade 1

Adopted 2020

## Physical Science PS1

### 1. Sound can make matter vibrate and vibrating matter can make sound. PS1.1.1

- a. Plan and conduct investigations to provide evidence that vibrating materials can make a sound and that sound can make materials vibrate. PS1.1.1.A
  - b. Make observations to construct an evidence-based account that objects can be seen only when illuminated. PS1.1.1.B
  - c. Plan and conduct an investigation to determine the effect of placing objects made with different materials in the path of a beam of light. PS1.1.1.C
  - d. Use tools and materials to design and build a device that used light or sound to solve the problem of communicating over a distance. PS1.1.1.D
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## Life Science LS2

### 1. All organisms have external parts that they use to perform daily functions. LS2.1.1

- a. 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. LS2.1.1.A
  - b. Read texts and use media to determine patterns in behavior of parents and offspring that help offspring survive. LS2.1.1.B
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### 2. Young organisms are very much, but not exactly, like their parents, and also resemble other organisms of the same kind. LS2.1.2

- a. Make observations to construct an evidence-based account that young plants and animals are like, but not exactly like, their parents. LS2.1.2.A
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## Earth and Space Science ESS3

### 1. Patterns of movement of the sun, moon and stars as seen from Earth can be observed, described and predicted. ESS3.1.1

- a. Use observations of the sun, moon, and stars to describe patterns that can be predicted. ESS3.1.1.A
- b. Make observations at different times of year to relate the amount of daylight to the time of year. ESS3.1.1.B