

Grade 3

Adopted 2016

Physical Science

1. Plan and conduct an investigation to provide evidence of the effects of balanced and unbalanced forces on the motion of an object. [PS.3.1](#)

2. Observe and record qualitative and quantitative data about an object's motion to provide evidence that a pattern can be used to predict future motion. [PS.3.2](#)

3. Ask questions to determine cause and effect relationships of electric or magnetic interactions between two objects not in contact with each other. [PS.3.3](#)

4. Define a simple design problem that can be solved by applying scientific ideas about magnets. [PS.3.4](#)

Life Science

1. Construct an argument with evidence that in a particular habitat some organisms can survive well, some survive less well, and some cannot survive at all. [LS.3.1](#)

2. Make a claim about the effectiveness of a solution to a problem caused when the environment changes and that the types of plants and animals that live there may change. [LS.3.2](#)

3. Construct a cause and effect argument communicating some animals, including humans, form groups and communities that help members survive. [LS.3.3](#)

4. Analyze and interpret data from fossils to provide evidence of the organisms and the environments in which they lived long ago. [LS.3.4](#)

5. Develop models to describe that organisms have unique and diverse life cycles but all have in common birth, growth, reproduction, and death. [LS.3.5](#)

6. Analyze and interpret data to provide evidence that plants and animals have traits inherited from parents and that variation of these traits exists in a group of similar organisms. [LS.3.6](#)

7. Use evidence to support the explanation that traits can be influenced by the environment. [LS.3.7](#)

8. Use evidence to construct an explanation for how the variations in characteristics among individuals of the same species may provide advantages in surviving, finding mates, and reproducing. [LS.3.8](#)

Earth and Space Science

- 1. Obtain and represent data using tables and graphical displays to describe observed and predicted weather conditions during a particular season.** [ESS.3.1](#)

- 2. Obtain and combine information to describe climate patterns in different regions of the world.** [ESS.3.2](#)

- 3. Make a claim based on information about the merit of a design solution that reduces the impacts of a weather-related hazard.** [ESS.3.3](#)