

Grade 3

Adopted 2020

Motion and Stability: Forces and Interactions

1. Plan and conduct investigations on the effects of balanced and unbalanced forces on the motion of an object. [3.PS2.1](#)
2. Make observations and/or measurements of an object's motion to provide evidence that a pattern can be used to predict future motion. [3.PS2.2](#)
3. Ask questions to determine cause and effect relationships of electric or magnetic interactions between two objects not in contact with each other. [3.PS2.3](#)
4. Define a simple design problem that can be solved by applying scientific ideas about magnets. [3.PS2.4](#)

From Molecules to Organisms: Structure and Function

1. Develop and use models to describe that organisms have unique and diverse life cycles but all have a common pattern of birth, growth, reproduction, and death. [3.LS1.1](#)

Heredity: Inheritance and Variation of Traits

1. Construct an argument that some animals form groups that help members survive. [3.LS2.1](#)
1. 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. [3.LS3.1](#)
2. Use evidence to support the explanation that traits can be influenced by the environment. [3.LS3.2](#)

Biological Unity and Diversity

1. Analyze and interpret data from fossils to provide evidence of the organisms and the environments in which they lived long ago. [3.LS4.1](#)
2. Use evidence to construct an explanation for how the variations in characteristics among individuals of the same species may provide advantages in surviving and reproducing. [3.LS4.2](#)
3. 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. [3.LS4.3](#)

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- 4. Make a claim about the merit of a solution to a problem caused when the environment changes and the types of plants and animals that live there may change.** 3.LS4.4
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Earth's Systems

- 1. Represent data in tables and graphical displays to describe typical weather conditions expected during a particular season.** 3.ESS2.1
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- 2. Obtain and combine information to describe climates in different regions of the world.** 3.ESS2.2
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Earth and Human Activity

- 1. Make a claim about the merit of a design solution that reduces the impacts of a weather-related hazard.** 3.ESS3.1