

# Grade 3

Adopted 2021

## Motion and Stability: Forces and interactions

- 3-PS2-1.** Plan and conduct an investigation to provide evidence of the effects of balanced and unbalanced forces on the motion of an object. [3-PS2-1](#)

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- 3-PS2-2.** Make observations and measurements of an object's motion to provide evidence that a pattern can be used to predict future motion. [3-PS2-2](#)

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- 3-PS2-3.** Ask questions to determine cause-and-effect relationships of electric interactions and magnetic interactions between two objects not in contact with each other. [3-PS2-3](#)

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- 3-PS2-4.** Develop possible solutions to a simple design problem by applying scientific ideas about magnets. [3-PS2-4](#)

## From Molecules to Organisms: Structures and Processes

- 3-LS1-1.** Develop and use models to describe how organisms change in predictable patterns during their unique and diverse life cycles. [3-LS1-1](#)

## Ecosystems: Interactions, Energy, and Dynamics

- 3-LS2-1.** Construct an argument that some animals form groups that help members survive. [3-LS2-1](#)

## Heredity: Inheritance and Variation of Traits

- 3-LS3-1.** Analyze and interpret data to provide evidence that plants and animals have inherited traits that vary within a group of similar organisms. [3-LS3-1](#)

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- 3-LS3-2.** Use evidence to support the explanation that traits can be influenced by the environment. [3-LS3-2](#)

## Biological Evolution: Unity and Diversity

- 3-LS4-1.** Analyze and interpret data from fossils to provide evidence of organisms and the environments in which they lived long ago. [3-LS4-1](#)

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- 3-LS4-2.** Use evidence to construct an explanation for how the variations in traits among individuals of the same species may provide advantages in surviving and producing offspring. [3-LS4-2](#)

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- 3-LS4-3.** Construct an argument with evidence that in a particular habitat some organisms can thrive, struggle to survive, or fail to survive. [3-LS4-3](#)

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**3-LS4-4.** Make a claim about the effectiveness of a solution to a problem caused when the environment changes and affects organisms living there. [3-LS4-4](#)

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**Earth's Systems**

**3-ESS2-1.** Represent data in tables and graphical displays of typical weather conditions during a particular season to identify patterns and make predictions. [3-ESS2-1](#)

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**3-ESS2-2.** Obtain and combine information to describe climate patterns in different regions of the world. [3-ESS2-2](#)

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**Earth and Human Activity**

**3-ESS3-1.** Make a claim about the effectiveness of a design solution that reduces the impacts of a weather related hazard. [3-ESS3-1](#)