

Third Grade

Motion and Stability: Forces and interactions **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**
- 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**
- 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**
- 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 **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 **LS2**

- 1 Construct an argument that some animals form groups that help members survive. 3-LS2-1**

Heredity: Inheritance and Variation of Traits **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**
- 2 Use evidence to support the explanation that traits can be influenced by the environment. 3-LS3-2**

Biological Evolution: Unity and Diversity **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**
- 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**
- 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**
- 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**

Earth's Systems 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

2 Obtain and combine information to describe climate patterns in different regions of the world. 3-ESS2-2

Earth and Human Activity ESS3

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