Idaho Science

Grade 3

Adopted 2022

Physical Science

3-PS-1. Motion and Stability: Forces and Interactions 3-PS-1

1. Plan and conduct an investigation to provide evidence of the effects of balanced and unbalanced forces on the motion of an object. 3-PS-1.1
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-PS-1.2
3. Ask questions to determine cause and effect relationships of static electricity or magnetic interactions between two objects not in contact with each other. 3-PS-1.3
4. Define a problem that can be solved by applying scientific ideas about magnets. 3-PS-1.4

Life Science

3-LS-1. From Molecules to Organisms: Structures and Processes 3-LS-1

1. Develop models to demonstrate that living things, although they have unique and diverse life cycles, all have birth, growth, reproduction, and death in common. 3-LS-1.1

3-LS-2. Ecosystems: Interactions, Energy, and Dynamics 3-LS-2

1. Construct an argument that some animals form groups that help members survive. 3-LS-2.1

3-LS-3. Heredity: Inheritance and Variation of Traits 3-LS-3

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-LS-3.1
2. Use evidence to support the explanation that traits can be influenced by the environment. 3-LS-3.2
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-LS-3.3

Earth and Space Science

3-ESS-1. Earth's Systems 3-ESS-1

1. Represent data in tables and graphical displays to describe typical weather conditions expected during a particular season. 3-ESS-1.1

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2. Obtain and combine information to describe climates in different regions of the world. 3-ESS-1.2

3-ESS-2. Earth and Human Activity 3-ESS-2

1. Make a claim about the merit of a design solution that reduces the impacts of a weather-related hazard. 3-ESS-2.1