

Science Standards
Grade 3

| Topic | Strand | Standard |
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| 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.PS2.2 | Make observations and/or measurements of an object's motion to provide evidence that a pattern can be used to predict future motion. |
| | 3.PS3.3 | Ask questions to determine cause and effect relationships of electric or magnetic interactions between two objects not in contact with each other. |
| | 3.PS2.4 | Define a simple design problem that can be solved by applying scientific ideas about magnets. |
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| From Molecules to Organisms: Structures and Processes | 3.LS1.1 | Develop models to describe that organisms have unique and diverse life cycles, but all have in common birth, growth, reproduction, and death. |
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| Ecosystems: Interactions, Energy and Dynamics | 3.LS2.1 | Construct an argument that some animals form groups that help members survive. |
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| Heredity: Inheritance and Variation of Traits | 3.LS3.1 | 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.LS3.2 | Use evidence to support the explanation that traits can be influenced by the environment. |
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| Biological Evolution: Unity and Diversity | 3.LS.4.1 | Analyze and interpret data from fossils to provide evidence of the organisms and the environments in which they lived long ago. |
| | 3.LS.4.2 | 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. |
| | 3.LS.4.3 | 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.4.4 | 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. |

| Earth's Systems | 3.ESS2.1 | Represent data in tables and graphical displays to describe typical weather conditions expected during a particular season. |
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| | 3.ESS2.2 | Obtain and combine information to describe climates in different regions of the world. |
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| Earth and Human Activity | 3.ESS3.1 | Make a claim about the merit of a design solution that reduces the impacts of a weather-related hazard. |