

Science

Second Grade

Life Science Practices and Concepts

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| 2.LS2-1 | Plan and conduct an investigation to determine if plants need sunlight and water to grow. |
| 2.LS4-1 | Make observations of plants and animals to compare the diversity of life in different habitats. |

Earth and Space Science Practices and Concepts

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| 2.ESS1-1 | Use information from several sources to provide evidence that Earth events can occur quickly or slowly. |
| 2.ESS2-2 | Develop a model to represent the shapes and kinds of land and bodies of water in an area. |

Physical Science Practices and Concepts

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| 2.PS1-1 | Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties. |
| 2.PS1-2 | Analyze data obtained from testing different materials to determine which materials have the properties that are best suited for an intended purpose. |

Engineering and Application

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| K-2.ETS1-1 | Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through a new object or tool. |
| K-2.ETS1-2 | Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem. |
| K-2.ETS1-3 | Analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs. |