



Grade 2 Science MATTER AND ITS INTERACTIONS	
Louisiana Student Standards	Louisiana Connectors (LC)
2-PS1-1 Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties.	LC-2-PS1-1a Use data to describe different kinds of materials by their observable properties (e.g., color, texture).
	LC-2-PS1-1b Use data to classify different kinds of materials by their observable properties (e.g., color, texture).
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.	LC-2-PS1-2a Match a property of a material (e.g., hard, flexible, absorbent) to a potential purpose (e.g., hardness of a wooden shelf results in it being better suited for supporting materials than a soft sponge).
2-PS1-3 Make observations to construct an evidence-based account of how an object made of a small set of pieces can be disassembled and made into a new object.	LC-2-PS1-3a Identify how a variety of objects can be built up from a small set of pieces.
2-PS1-4 Construct an argument with evidence that some changes caused by heating or cooling can be reversed and some cannot.	LC-2-PS1-4a Identify examples of heating substances which cause changes that are sometimes reversible and sometimes not.
	LC-2-PS1-4b Identify examples of cooling substances which cause changes that are sometimes reversible and sometimes not.



Grade 2 Science ECOSYSTEMS: INTERACTIONS, ENERGY, AND DYNAMICS	
Louisiana Student Standards	Louisiana Connectors (LC)
2-LS2-1 Plan and conduct an investigation to determine if plants need sunlight and water to grow.	LC-2-LS2-1a Use data to describe that plants need water and light to grow.
2-LS2-2 Develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants.	LC-2-LS2-2a Identify that plants need animals to move their seeds around.
	LC-2-LS2-2b Identify a simple model that mimics the function of an animal in dispersing seeds or pollinating plants.

Grade 2 Science BIOLOGICAL EVOLUTION: UNITY AND DIVERSITY	
Louisiana Student Standards	Louisiana Connectors (LC)
2-LS4-1 Make observations of plants and animals to compare the diversity of life in different habitats.	LC-2-LS4-1a Make observations to explain that different kinds of living things live in different habitats on land and in water.

Grade 2 Science EARTH'S PLACE IN THE UNIVERSE	
Louisiana Student Standards	Louisiana Connectors (LC)
2-ESS1-1 Use information from several sources to provide evidence that Earth events can occur quickly or slowly.	LC-2-ESS1-1a Use evidence to understand that some Earth events happen quickly and can be observed (e.g., flood, volcano eruption, earthquake, or erosion of soil).
	LC-2-ESS1-1b Use evidence to understand that some Earth events happen slowly (e.g., erosion or weathering of rocks).



Grade 2 Science EARTH'S SYSTEMS	
Louisiana Student Standards	Louisiana Connectors (LC)
2-ESS2-1 Compare multiple solutions designed to slow or prevent wind or water from changing the shape of the land.	LC-2-ESS2-1a Identify a solution (e.g., using shrubs, grass, or trees) to slow or prevent wind from changing the shape of the land.
	LC-2-ESS2-2b Identify a solution (e.g., using shrubs, grass, or trees) to slow or prevent water from changing the shape of the land.
2-ESS2-2 Develop a model to represent the shapes and kinds of land and bodies of water in an area.	LC-2-ESS2-2a Use a model to Identify land features and bodies of water (e.g., hill, lake) in an area using a model.
2-ESS2-3 Obtain and communicate information to identify where water is found on Earth and that it can be solid or liquid.	LC-2-ESS2-3a Use information to identify that water is found in many types of places.
	LC-2-ESS2-3b Use information to identify that that water exists as solid ice and in liquid form.