



2nd Grade Science Curriculum & Pacing Guide

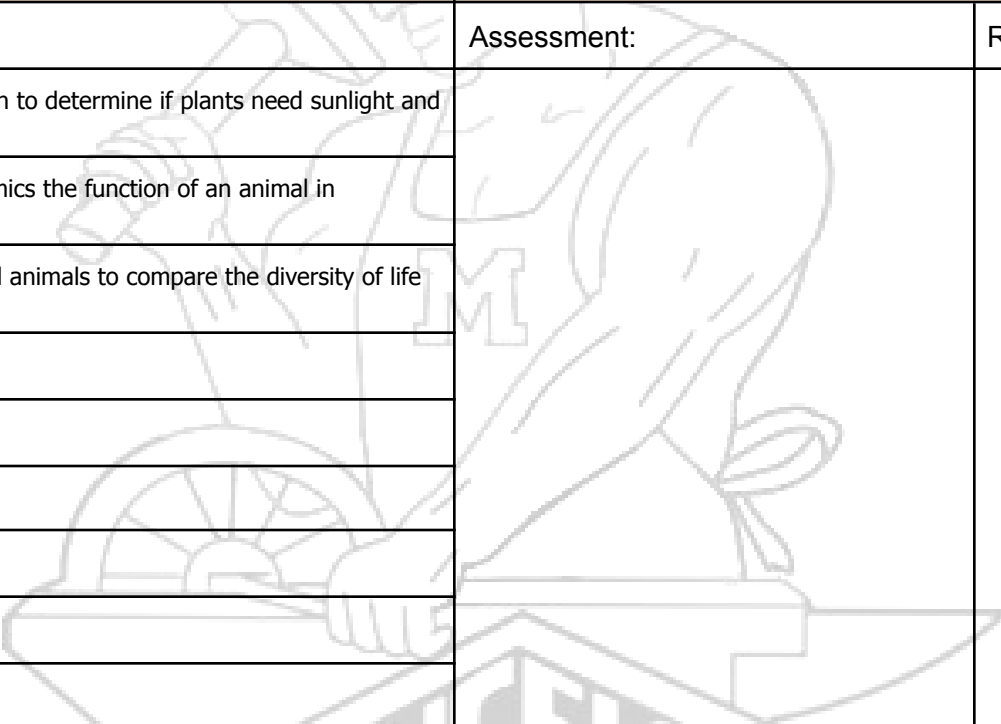


Content Area: Science		Grade Level: 2 nd Grade	
Title of Unit: Structure and Properties of Matter		Number of Weeks/Days:	
Standards:		Assessment:	Resources:
2-PS1-1: Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties.			
2-PS1-2: Analyze data obtained from testing different materials to determine which materials have the properties that are best suited for an intended purpose. *			
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.			
2-PS1-4: Construct an argument with evidence that some changes caused by heating or cooling can be reversed and some cannot.			

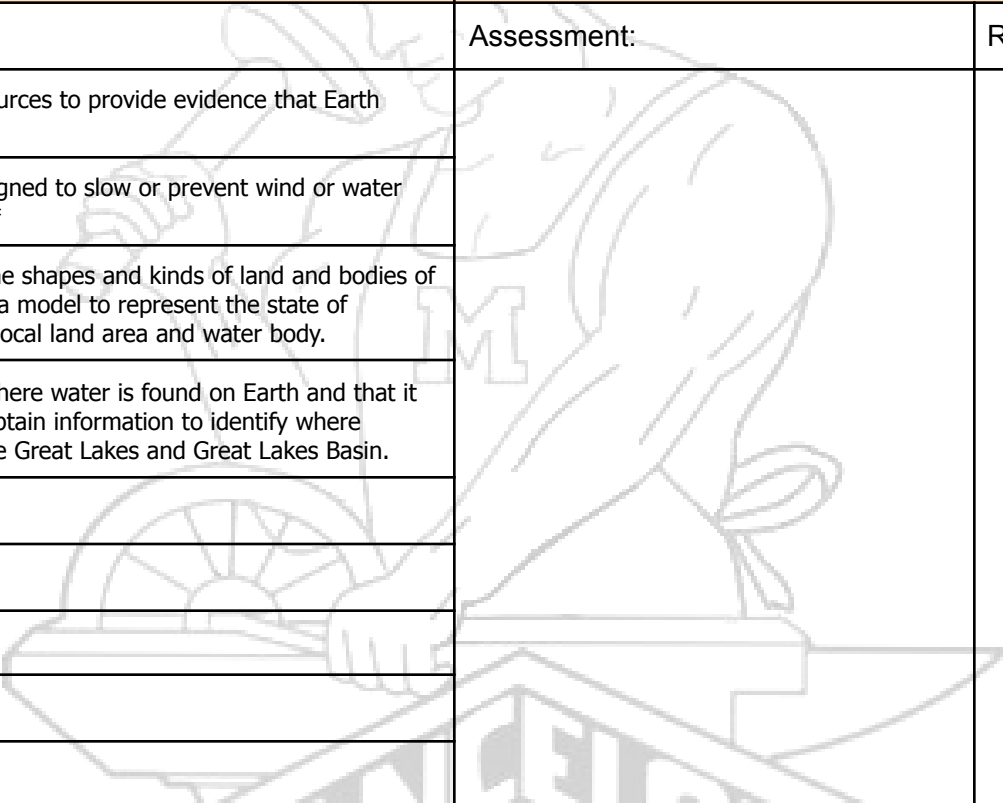


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Content Area: Science		Grade Level: 2nd Grade	
Title of Unit: Interdependent Relationships in Ecosystems		Number of Weeks/Days:	
Standards:		Assessment:	Resources:
2-LS2-1: Plan and conduct an investigation to determine if plants need sunlight and water to grow.			
2-LS2-2: Develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants.			
2-LS4-1: Make observations of plants and animals to compare the diversity of life in different habitats.			

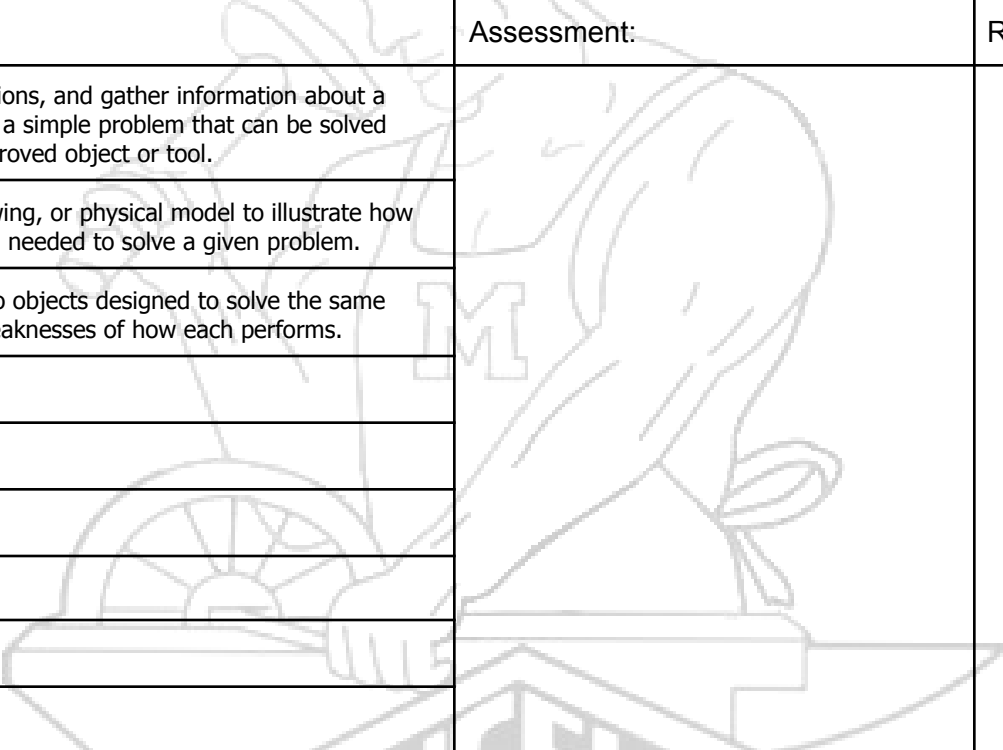


Content Area: Science	Grade Level: 2nd Grade	
Title of Unit: Earth's Systems: Processes that Shape The Earth	Number of Weeks/Days:	
Standards:	Assessment:	Resources:
2-ESS1-1 Use information from several sources to provide evidence that Earth events can occur quickly or slowly. *		
2-ESS2-1 Compare multiple solutions designed to slow or prevent wind or 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. 2-ESS2-2 MI Develop a model to represent the state of Michigan and the Great Lakes, or a more local land area and water body.		
2-ESS2-3 Obtain information to identify where water is found on Earth and that it can be solid or liquid. ** 2-ESS2-3 MI Obtain information to identify where freshwater is found on Earth, including the Great Lakes and Great Lakes Basin.		



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Content Area: Science		Grade Level: 2nd Grade	
Title of Unit: Engineering Design		Number of Weeks/Days:	
Standards:		Assessment:	Resources:
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 the development of a new or improved 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.			

[illegible]

[illegible]

[illegible]



	Grade Level:
	Number of Weeks/Days:
	Assessment:

The logo features a stylized illustration of a Native American man in traditional dress, holding a bow and arrow. Below the figure is a banner with the word "MANCELONA" in bold, capital letters.



	Grade Level:
	Number of Weeks/Days:
	Assessment:



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