

Wright City Science Curriculum

5th Grade

Grade	5th Grade
Unit of Study	Sphere Interactions
Length of Unit	Three Weeks
Sample Essential Questions What can we learn from the ground beneath our feet?	<u>Sample Corresponding Big Ideas</u> We can tell roughly how old rock layers are based on their location. We can theorize what kind of ecosystem was located in a place based on fossils.
How does the ground beneath our feet change?	Plate tectonics move underneath the Earth surface, causing other spheres to change and adapt.
How does the world around us interact?	The four spheres interact with each other.

Missouri Learning Standards

Priority Standards

5.ESS2.A.1. Develop a model using an example to describe ways the geosphere, biosphere, hydrosphere, and/or atmosphere interact. (Examples could include the influence of the ocean on ecosystems, landform shape, and climate, the influence of the atmosphere on landforms and ecosystems through weather and climate, and the influence of mountain ranges on winds and clouds in the atmosphere.)

Unit 1 Sequence

MLS Topic(s) Learning Targets Academic Vocabulary

5.ESS2.A.1	Sphere Interactions	I can apply concepts to determine how the spheres interact in a multitude of examples.	Convergent Divergent Transform
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MLS	Learning Activities	
	Sphere Interaction Brain Dump Activity	Must Do
	Plate Tectonics Activity with Play doh	Can Do
	Plate Tectonic Notes Ecosystem Abiotic and Biotic Factors Law of Superposition Activity	Must Do Must Do Can Do
	Fossils	Must Do
	Layer of Fossils and Defining Type of Habitat Around the World	Must Do
	Sphere Interactions	Must Do

Assessments		
MLS	Description or Location	Rubric/Location

Additional Resources
MO Leap Block Grand Gulf Cave System (4th Grade)
<i>The Living Earth</i> by Eleonore Schmid
Page 9-11 of <i>Prehistoric Hunter and Gatherers of the Great Plains</i>
Page 68 of <i>Prehistoric Hunter and Gatherers of the Great Plains</i>
<i>The Great Kapok Tree</i> by Lynne Cherry
<i>Over and Under</i> Series by Christopher Silas Neal
<i>Fox in the Forest</i> by Lorna Domke