



Grade: 7th
Instructional Goals:

Subject:

Earth Science

Unit:

Rocks and Minerals

Time: 2 weeks

- Students will learn that energy from within the planet drives the rock cycle and moves huge plates on the Earth's surface, causing earthquakes and volcanoes.

ESLO Standard	Objective, (E, D, M) E=Emerging, D= Developing, M=Mastery	Duration	Teaching Method	Resources/Text	Assessment	Additional Notes
2,6,7 6-8 ES2H	TLW explain how one kind of rock could eventually become a different kind of rock. (E)	2 days	(Rocks) Science Talk: Where do rocks come from? Read and Response: Characteristics of minerals versus rocks. Experimentation: Properties of rocks. Reflective journal writing: Importance of rocks to humans and the planet.	<ul style="list-style-type: none"> Student Feedback Textbook Venn diagram Rock collection Science journals Animated presentation from classzone.com 	<ul style="list-style-type: none"> Group presentations Essays Diagrams 	
2,6,7 6-8 ES2H	TLW identify samples of igneous, sedimentary, and metamorphic rock from their properties and describe how their properties provide evidence of how they were formed. (E)	2 days	Drill and practice: Collect rocks and identify those using characteristics of different types of rocks. Learning centers: Students design a rock gallery. Demonstration: animated demonstration of rock cycle. Dissolution of minerals in rocks (lab).	<ul style="list-style-type: none"> Rocks Identification key of rocks Internet presentation Lab kit Salt rocks. 	<ul style="list-style-type: none"> Rock collection and labels Lab results Gallery set up Chapter review Test 	



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