

6th Grade Earth Science
Day 8 Cohort 2- July 14 Big Idea 9

BIG IDEA 9. Humans significantly alter the Earth.

GLCE Curriculum Code	
S.IP = Science Processes. Inquiry Process	E.SE = Earth Science. Solid Earth
S.IA = Science Processes. Inquiry Analysis and Communication	E.ST = Earth Science. Earth in Space and Time
S.RS = Reflection and Social Implications	

Locations: Quincy Mine Tour, Huron Creek, Pilgrim Creek	
Learning Outcomes:	GLCE
<ul style="list-style-type: none"> • Explain how Earth processes (erosion, mountain building, and glacier movement) are used for the measurement of geologic time through observing rock layers. 	E.ST.06.41
<ul style="list-style-type: none"> • Describe how fossils provide important evidence of how life and environmental conditions have changed. 	E.ST.06.42
<ul style="list-style-type: none"> • Explain how physical and chemical weathering lead to erosion and the formation of soils and sediments. 	E.SE.06.11
<ul style="list-style-type: none"> • Explain how waves, wind, water, and glacier movement, shape and reshape the land surface of the Earth by eroding rock in some areas and depositing sediments in other areas. 	E.SE.06.12

6 th Grade Curriculum Connections - SEPUP-Issues in Earth Science		
Activity Number	Page #	Activity Name
12	B4	Observing Natural Resources
15	B15	Mineral Properties
16	B21	Mineral Identification
17	B25	Minerals in the Rocks
25	C8	Making Topo Maps
29	C23	Weathering and Erosion
34	C49	Geologists Reports
36	D4	Storing Waste