

6th Grade Earth Science
Day 9 Cohort 2- July 15 Big Idea 4

BIG IDEA 4. Earth is continuously changing.

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: Gay Sands	
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. • Explain how physical and chemical weathering lead to erosion and the formation of soils and sediments. • Describe how soil is a mixture made up of weather eroded rock and decomposed organic material. • Compare different soil samples based on particle size and texture 	<p>E.ST.06.41</p> <p>E.SE.06.11</p> <p>E.SE.06.13</p> <p>E.SE.06.14</p>

6 th Grade Curriculum Connections - SEPUP-Issues in Earth Science		
Activity Number	Page #	Activity Name
25	C8	Topo Mapping
28	C19	Cutting Canyons
31	C36	Resistance to Erosion
32	C40	Cliff Model
33	C44	Earth Processes and the Boom Town's Coast
34	C49	Preparing a Geologist Report
35	C52	Building in BoomTown
36	D4	Storing Waste