

Name: _____

Period: ____

SEDIMENTARY ROCKS

▶ A sedimentary rock is a rock that has formed from the _____ and _____ of sediments.

▶ What are **sediments**? _____

▶ How are sediments classified? _____

▶ Using pg. 6 or 7 of the ESRTs complete the chart below

Sediment Name	Sediment Size Range
Boulders	
	6.4 cm - 25.6 cm
Pebbles	
	0.006 cm - 0.2 cm
Silt	
	less than 0.0004 cm

▶ What is the name of the process in which sediments are dropped off all over the Earth?

▶ What causes sediments to be compacted?

▶ What does **cementation** mean?

▶ Which Clastic Sedimentary Rock will form from compacted sediments that are 0.1 cm?

▶ Which Clastic Sedimentary Rock will form from compacted sediments that are 0.00008 cm?

▶ Describe the difference between a Conglomerate and a Breccia? _____

Name: _____

Period: ____

▶ How would you indicate Breccia on a map?



Siltstone?



▶ What two processes may result in the formation of a Crystalline Sedimentary Rock?

▶ Which three sedimentary rocks can only have a crystalline texture?

▶ Describe how Rock Salt forms?

▶ What are organic sedimentary rocks? _____

▶ Describe how Bituminous Coal forms?

▶ Describe how Coquina forms?

▶ Sedimentary rocks are the only rocks that may contain _____ Why is this not true for igneous rocks? _____

Name: _____

Period: ____

SEDIMENTARY ROCK IDENTIFICATION LAB

Use the images provided along with your ESRTs to identify the samples 1-11 below

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____