

Name: _____

Period: _____

SEDMIEMENTARY ROCKS

1. A sedimentary rock is a rock that has formed from the _____ and _____ of sediments.
2. What are sediments? _____
3. How are sediments classified? _____
4. 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

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

6. What causes sediments to be compacted?

7. What does cementation mean?

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

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

10. Describe the difference between a Conglomerate and a Breccia?

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11. How would you indicate Breccia on a map?



Siltstone?



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

13. Which three sedimentary rocks can only have a crystalline texture?

14. Describe how Rock Salt forms?

15. What are organic sedimentary rocks? _____

16. Describe how Bituminous Coal forms?

17. Describe how Coquina forms?

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

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SEDIMENTARY IDENTIFICATION LAB

Use the images provided along with your ESRTs to identify the samples 1-17 below

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____