

G2-C: Sedimentary Rocks

Name: _____

Read this to answer the questions

Making sedimentary rock

Weathering, erosion and deposition make a layers of sediment at the bottom of lakes and oceans.



Compaction

The layers of sediment get heavier and heavier. The sediment at the bottom of the pile gets squashed. This is called **compaction**. Air and water get squeezed out, and the sediment pieces get pushed closed to each other.

Cementation

Minerals that were in the water stay behind when the water is squeezed out. They stick the pieces of sediment together. This is called **cementation**.

Kinds of sedimentary rock

There are two main kinds of sedimentary rock.

Clastic

Clastic sedimentary rock is made from pieces of other rock that were weathered. *Sandstone*, *shale* and *mudstone* are rocks like this.

Organic

Organic sedimentary rock is made from dead plants and animals. *Coal* and *limestone* are rocks like this. Coal is a sedimentary rock made from trees. Limestone is made from coral, shellfish, and other ocean animals.

Questions

1. What are the two steps that happen to sediment to turn it into sedimentary rock?

2. Put the right label against each description.

_____ Sediment particles are squashed close together and water is squeezed out.

_____ Minerals stick the sediment particles together.

3. What is the type of sedimentary rock made from pieces of other rock?

4. Name one example of a *clastic* sedimentary rock.

5. What is the type of sedimentary rock made from dead plants or animals?

6. Name one example of a *organic* sedimentary rock.

7. What is coal made from?
