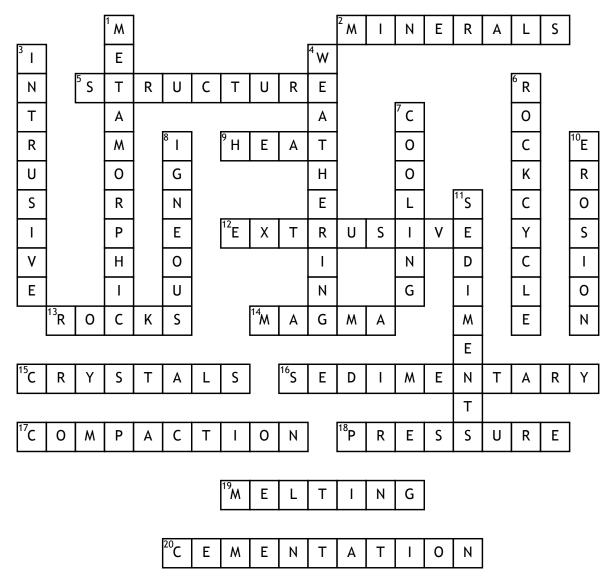
## The Rock Cycle



## Across

2. the things that make up rocks.

5. how a rock is formed

**9.** a form of energy that causes a difference in temperature

**12.** igneous rock formed from lava that hardened on the surface of the earth.

**13.** groups of different minerals pushed together and combined.

14. molten rock

**15.** the transparent form of crystallized quartz.

**16.** formed by the deposition of sediment, as certain rocks.

17. compression

**18.** force that is produced when something presses or pushes against something else.

**19.** The process of changing the state of a substance from solid to liquid by heating it past its melting point

**20.** tiny particles of clay & limestone act as a natural cement to glue sediments together to form rock.

## <u>Down</u>

1. types of rocks that are formed from the change of pressure and temperature over time.

**3.** igneous rock formed from magma that hardened while still within the earth

4. water & wind break down rocks into sediments over a long timeframe.

**6.** a cycle undergone by rocks in the earths crust.

7. a decrease in temperature

8. a type of rock that is formed when magma comes up towards the surface, it cools and crystallises either above or below the surface.
10. slow wearing away of

**10.** slow wearing away of something.

**11.** matter deposited by water or wind.