



Types of Rocks

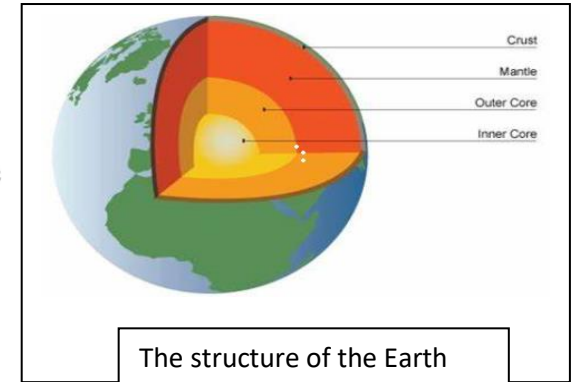
Igneous rocks



Sedimentary rocks



Metamorphic rocks



The structure of the Earth

metamorphic rock

A rock that has been changed by heat and pressure

Examples:

- slate
- quartzite
- marble



igneous rock

A rock formed by melted rock that has cooled and hardened

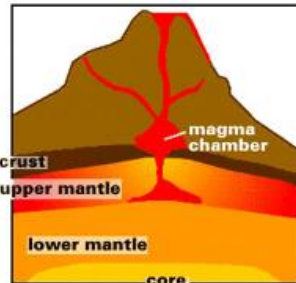
Examples:

- basalt
- obsidian
- pumice
- granite



What is the difference between magma and lava?

Magma = molten rock below **Lava = molten rock above**
The Earth's surface. **the Earth's surface.**



Key vocabulary:

- Earth igneous sedimentary
- metamorphic manmade petrologist
- molten rock magma lava fossil

Fossils are remains of plants or animals that are formed in sedimentary rock.

sedimentary rock

A rock formed by layers of materials that have been squeezed and hardened

Examples:

- shale
- sandstone
- conglomerate
- limestone



Bricks and cement are not found naturally, they are man-made.



Can you identify any rocks around you?

Are they natural or man-made?

What type of rock might you see in a garden?

