



Types of Rocks

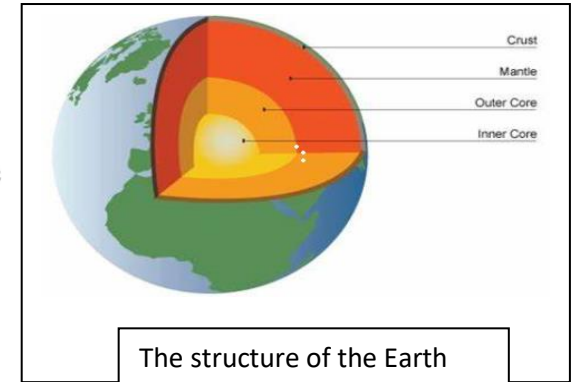
Igneous rocks



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

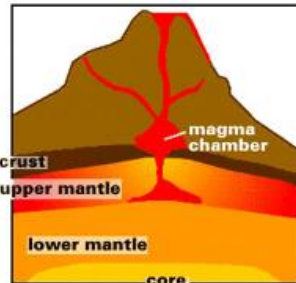
Examples:

basalt
obsidian
pumice
granite



What is the difference between magma and lava?

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

