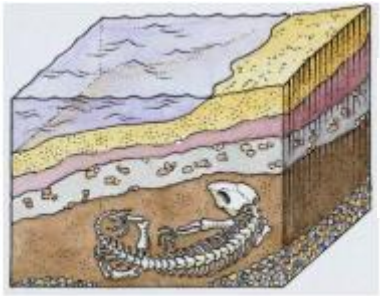
Y3 Rocks and soils

Vocabulary dozen			
Rock	A rock is a solid collection of mineral grains.	**Permeable**	Allows water and gas to pass through it.
Sedimentary rock	Formed when sand, mud and pebbles are laid down in layers. Over time, they are squashed under more layers. Eventually, they are lithified (turned to rock)	**Fossil**	The hard remains of a prehistoric animal or plant that are found inside rock.
Igneous rock	Rock that has been formed from magma or lava.	**Decompose**	Become rotten and started to break down.
Metamorphic rock	Rock that started out as igneous or sedimentary but changed due to extreme heat or pressure.	**Compress**	Squeezed or pressed by pressure.
Soil	The upper layer of Earth where plants grow.	**Melting**	Becoming a liquid by heat.
Absorbent	Able to soak up liquid.	**Cooling**	Become less hot.



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

Types of rock

metamorphic rock

A rock that has been changed by heat and pressure

Examples:
slate
quartzite
marble

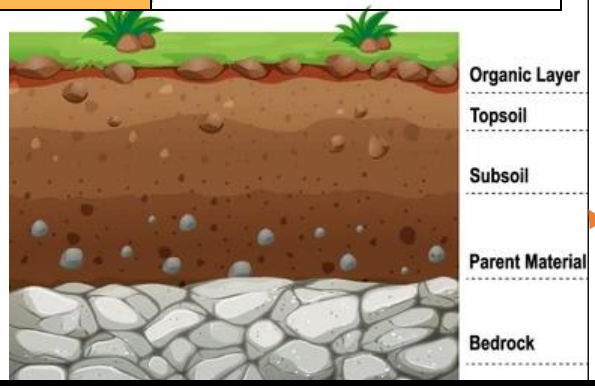
igneous rock

A rock formed by melted rock that has cooled and hardened

Examples:
basalt
obsidian
pumice
granite

sedimentary rock

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

Examples:
shale
sandstone
conglomerate
limestone

Types of soil