

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.

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

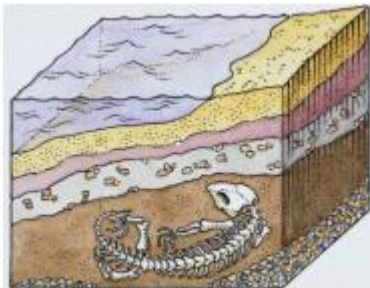
Examples:
basalt
obsidian
pumice
granite



sedimentary rock

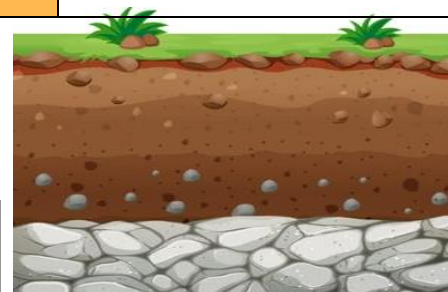
A rock formed by layers of materials that have been squeezed and hardened

Examples:
shale
sandstone
conglomerate
limestone



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

Idioms - Rock solid, Living under a rock



Organic Layer
Topsoil
Subsoil
Parent Material
Bedrock

Types of soil