

## Vocabulary

**erosion** The removal of rock and soil particles produced by weathering.



**formed** Something that has been made.

**fossilisation** The process by which a fossil is formed.



**fossil** The remains or marks of ancient organisms.



**impressions** A mark made on the surface of something by pressing an object onto it.

**microorganisms** A living thing that on its own is too small to be seen without a microscope.

**particle** A particle is an extremely small piece of an object or material.

**porous** A material (rock) that allows water to be absorbed.



**preserved** To save something or protect it from damage or decay.

**soil** The upper layer of the earth, consisting of small, loose particles of rock, minerals and humus.



**weathering** The breakdown of rock into smaller particles.



## Rocks (Y3)

### igneous rock

Rock that is formed from solidified magma or lava.



Granite



Scoria



Pumice



Obsidian



### Big Ws

➤ There are three types of rock.

### metamorphic rock

Rock that is formed underground through extreme heat and pressure.



Marble



Slate



Quartzite



Gneiss

### sedimentary rock

Rock that is formed from compressed sediment at the bottom of seas, lakes and rivers.



Sandstone



Limestone



Shale



Conglomerate

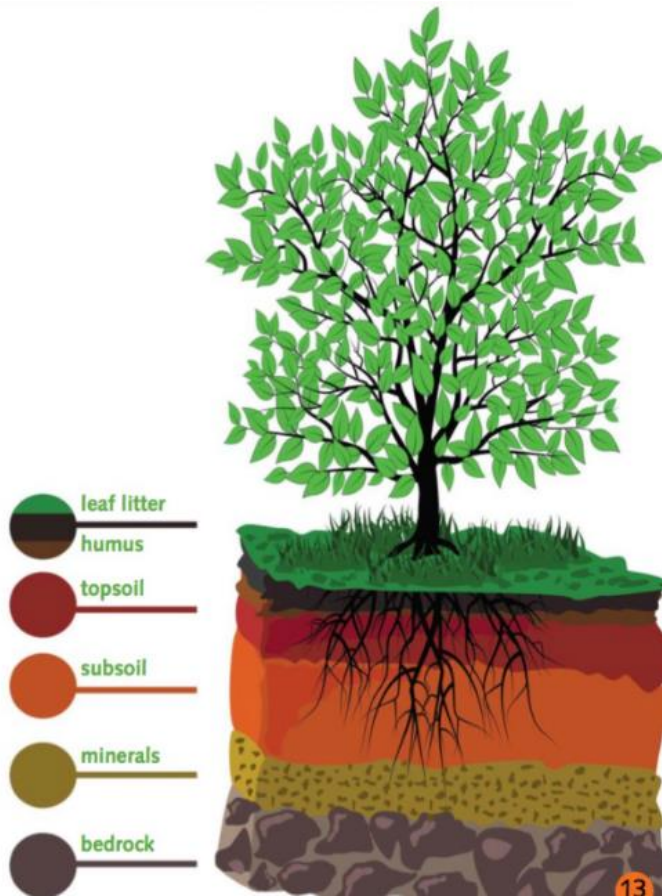


Gypsum

### Big Ws

- Soil is a mixture of different things: **minerals; air; water and organic matter which includes living and dead plants and animals.**

### Top Layers of The Earth



### Important People

**Mary Anning (1799-1847)**

**Mary Anning** is a famous scientist. She spent her time looking for what she called 'curiosities'. Later in her life she realised they were **fossils** and is now remembered as one of the greatest **fossil hunters**.



### Big Ws

- **Fossilisation** happens when an **animal dies** and it is covered by **sediment** and eventually turns into a rock.



Is the rock porous?

Is the rock coloured or white?

Is the rock soft?

Is the rock hard?

Chalk – a sedimentary rock

Does it crumble when you touch it?

Does the rock have visible grains?