

# Tiered Vocabulary - Science

## Organising new vocabulary to support understanding

### Tier 1 words are everyday words

Tier 1 word	Definition	Tier 1 word	Definition
<b>chalk</b>	A white soft earthy limestone.	<b>stone</b>	A mass of hard, compacted mineral.
<b>soil</b>	A mixture of minerals and organic material that covers much of Earth's surface.	<b>Earth</b>	A rocky, terrestrial planet.
<b>sand</b>	A small, loose pieces of rock, soil, minerals, and even gemstones.	<b>heat</b>	A form of energy.
<b>rock</b>	A naturally occurring solid material composed of one or more minerals	<b>water</b>	A liquid that makes life on Earth possible.
<b>clay</b>	A natural material made up of tiny particles of rock.	<b>brick</b>	a building or paving material.

### Tier 2 words are focus words

Tier 2 word	Definition	Tier 2 word	Definition
<b>pebbles</b>	A small rounded stone.	<b>absorbent</b>	Different types of materials which can soak up liquid.
<b>pressure</b>	A way of measuring how much force is acting over an area.	<b>Non-absorbent</b>	Lacking the capacity to absorb
<b>fossils</b>	The remains or traces of plants and animals that live a long time ago.	<b>natural</b>	Something that comes from nature
<b>forces</b>	An action that changes or maintains the motion of a body or object.	<b>minerals</b>	Inorganic substances, meaning that they do not come from an animal or a plant.
<b>particles</b>	The smallest possible unit of matter.	<b>man-made</b>	Made by people rather than nature.

### Tier 3 words are subject specific

Tier 3 word	Definition	Tier 3 word	Definition
<b>sedimentary</b>	Made when sand, mud and pebbles get laid down in layers.	<b>permeable</b>	Having pores or openings that permit liquids or gases to pass through.
<b>limestone</b>	A rock that is formed from animal remains	<b>metamorphic</b>	Formed when other rocks are affected by great temperatures and pressures.
<b>granite</b>	The most common igneous rock in the Earth's crust.	<b>fossilisation</b>	The process by which a fossil is formed.
<b>igneous</b>	The composition of crystals or is glassy magma	<b>palaeontology</b>	The study of ancient life, from dinosaurs to prehistoric plants, mammals, fish, insects, fungi, and even microbes.