

Set in Stone Year 3 - Science

Vocabulary

Word	Definition
soil	A mixture of tiny particles of rocks, organic matter from animals and plants, as well as air and water.
rock	A solid material made up of grains that are packed together.
sedimentary rock	Formed by sediment forming layers on top of each other.
igneous rock	Formed by the lava from volcanoes.
metamorphic rock	Formed under great heat and pressure.
fossil	The preserved remains or impressions of a living organism such as a plant, animal, or insect.
friction	A force which slows down objects as they move on a surface.

Previous Knowledge

In Science, you have learnt:

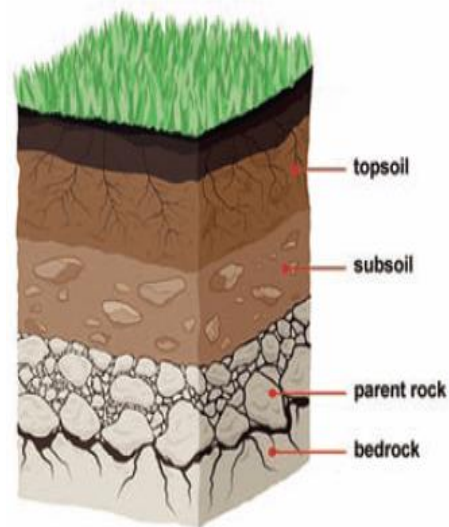
- to play with toys that need to be pushed or pulled to make them move (YR);
- to observe how things can change: water to ice (YR), the seasons and weather (Y1);
- about different materials and their properties (Y1&2).

Science Key Concepts

Working Scientifically	Biology - Plants	Biology - Humans	Biology - Animals	Chemistry - The 3 States of Matter	Environment
Chemistry - Changing State	Physics - Forces	Physics - Electricity & Magnetism	Physics - Waves	Physics - Weather & Space	

Soil

Soil is on top of and underneath the ground.



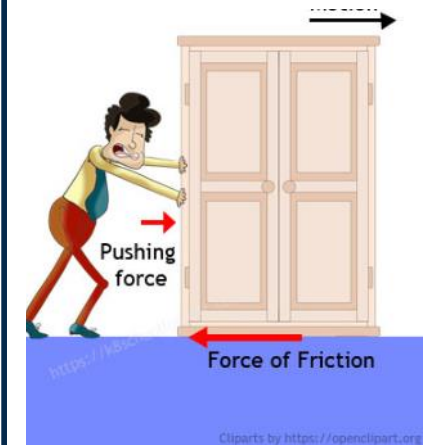
Rocks

IGNEOUS	SEDIMENTARY	METAMORPHIC
 Granite	 Scoria	 Sandstone
 Pumice	 Obsidian	 Limestone
 Conglomerate	 Shale	 Marble
 Gypsum	 Quartzite	 Slate
		 Gneiss



Friction

Things move across surfaces by pushes or pulls.



Spellings: weight, consider, strength, decide, different, material, notice, pressure