





<b>rock</b>	Rock is a naturally occurring material. Bricks and concrete are not rocks because they are man-made.
Rocks can be different shapes and sizes	
<b>boulder</b>	A large rock, often one that has been worn smooth by erosion.
<b>stone</b>	A tennis ball sized piece of rock.
<b>pebble</b>	A small stone made smooth and round by the action
<b>grain</b>	A tiny piece of rock.
<b>crystal</b>	A natural substance that has become solid, with a regular shape: 
<b>layers</b>	Thin sheets.






<b>soil</b>	 Soil is loose material which lies on top of the land. Soils are made up of pieces of ground down rock which may be mixed with plant and animal material (organic matter). Soil is important for life on Earth.
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There are different types of soils.

<b>sandy soil</b> is pale and dry with lots of small air gaps.	<b>chalk soil</b> is stony and drains easily.	<b>clay soil</b> is wet, and sticky with very few air gaps.	<b>peat</b> is dark and made from very old rotted plants.
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There are different types of rock e.g. sandstone, limestone, slate etc. which have different properties. Rocks can be hard or soft. They have different sizes of grain or crystal. They may absorb water..

Rock	Description	Photo
<b>granite</b>	A hard light coloured igneous rock containing quartz crystals.	
<b>sandstone</b>	A rock made up mainly of sand-sized grains of rock. It can absorb	
<b>slate</b>	A grey rock made of tiny grains of clay laid down in layers..	
<b>marble</b>	Marble is a hard rock made of interlocking crystals.	
<b>chalk</b>	Chalk is a soft white or grey rock made from the billions of tiny shells. It can absorb water.	

Some rocks contain fossils. Fossils were formed millions of years ago.

<b>fossil</b>	Fossils are formed when things that have lived are trapped within rock.
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When plants and animals died, they fell to the seabed. They became covered and squashed by other material. Over time the dissolving animal and plant matter is replaced by minerals from the water.

