

Science—Year 3—Rocks and Soils

Key Knowledge

- Name the common rocks slate, marble, granite, chalk, sandstone, limestone.
- The appearance of a rock is what it looks like. Colour, grain size, presence of crystals, shiny dull are words which can be used to describe a rocks appearance.
- Hardness and permeability are two key properties of rocks.
- Some rocks are harder than others. For example, granite and marble. Chalk is a soft rock and wears away easily.
- Some rocks, such as sandstone or chalk, let water soak through them. They are called permeable rocks.. Other rocks, such as slate, do not let water soak through them. They are called impermeable rocks.
- A fossil is the remains of plants and animals such as skeletons, shells and teeth. A fossil can also be an imprint from a plant or animal which is then filled with sediment to create a 3D model.
- Soil is made from rocks and organic matter.
- There are 4 main types of soil: sandy soil, chalky soil, clay soil and peat

Vocabulary



stone	Sandstone	impermeable
rock	peat	
fossil	organic matter	
crystals	soil	
texture	grains	
marble	pressure	
granite	Hard	
slate	soft	
chalk	permeable	

Key People



Mary Anning (1799—1847) was an English fossil collector and palaeontologist who became known around the world for the important finds she made.



Fossil



Organic matter

