

Enquiry Skills

Enquiry Types

Explaining Science

Classification



Research



Classify



Finding patterns



Observing over time



Fair testing

Key Knowledge

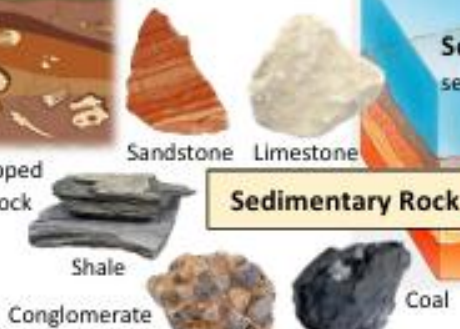
- Know and identify types of rock using their appearance and properties.
- Know that sedimentary rock is laid down in layers in lakes, seas and deserts.
- Know that rocks have lots of uses in our everyday lives.
- Fossils form when living things die and become trapped within rock over millions of years. Fossils tell us how living things have changed over time.
- Soils are made from eroded rock and organic matter.

Particle Model

Rocks can be broken up into smaller and smaller pieces. Eventually they can be broken up into **particles** which are too small to see.



Living things trapped in sedimentary rock can form fossils.



Big Picture Model

Use this big picture to help you **identify rocks** and understand how they are formed.



Key Words

feature (criteria)

key classify

property

application

rock

conglomerate

sedimentary

acid

soil

sandstone

erosion

minerals

biological

clay

limestone

layers

crystals

permeable

sand

coal

bands

texture

fossil

silt

shale

sedimentation

dissolve

petrification

organic