



Year 3

Rocks

Statutory Requirements:

- Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties

Working Scientifically:

- Making systematic and careful observations
- Talk about criteria for grouping, sorting and classifying (non-statutory)
- Gathering, recording, classifying and presenting data in a variety of ways to help in answering questions

Key Learning Steps:

1. Identify rocks
2. Group rocks
3. Test rocks
4. Local rock survey

Key Vocabulary:

- granite
- pumice
- sandstone
- chalk
- marble
- gneiss
- crystals
- grains
- layers
- texture
- reaction
- hardness
- float
- sink
- brittle
- weathering

Key Scientists:



Classic

Mary Anning
(1799 - 1847)
English fossil collector
and palaeontologist



Classic

James Hutton
(1726 - 1797)
Scottish chemist known as
the father of modern
geology



Contemporary

Alice Roberts
English historian,
biologist and
anthropologist who
studies fossils.