



Rocks & Soil

Year 3

Think deeply about...

- When humans began to use rocks in their everyday lives.
- Where rocks come from and how they can be classified.
- How fossils help us to understand how the Earth has evolved.
- The contribution Mary Anning made to science in the 19th century.
- Why scientists still do not know all the different substances that make up soil.

Learn...

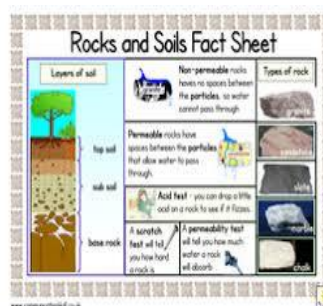
- How to use their observations to group rocks in different ways, according to their qualities and features.
- The different ways rocks are formed which includes, devising comparative tests, recording and evaluating observations and results.
- To understand the process how different fossils are formed and describe this using scientific language.
- How to investigate, discover and classify the different components of soil.

Use...



Vocabulary

Rock, sandstone, limestone, chalk, granite, slate, marble, classification.
 Petrologist, man-made rocks, brick, tile, concrete, igneous, sedimentary, metamorphic, permeable, impermeable, erosion.
 Fossil, ichthyosaur, plesiosaur, ammonite, sediment, minerals, mould, cast.
 Soil, micro-organisms, organic matter, particles, sand, silt.



Explore...

Rocks: <https://www.geolsoc.org.uk/heresources>
<https://www.geolsoc.org.uk/ks3/gsl/education/resources/rockcycle/page3559.html>
<https://www.geolsoc.org.uk/Education-and-Careers/Resources/Supporting-Materials/Oh-no-not-rocks-for-dinner-again-KS23>

Fossils: <http://oxford.university.museum/thezone/fossils/index.htm>