

## Rocks and Soils: I know how to classify rocks and know how they are formed. I know what soil is made from.

### Subject Specific Vocabulary

sedimentary	These rocks tend to be grainy in texture and may contain fossils. Sandstone/ Limestone.
igneous	These rocks have interlocking grains giving the rock a crystalline appearance. Granite.
metamorphic	These rocks have been altered over time and can be made up of more than one rock. Marble.
permeable	Allows water to pass through it.
mineral	A solid chemical substance that occurs naturally – diamond, quartz
petrologist	Someone who studies rocks.
fossil	The remains of a prehistoric plant or animal embedded in rock.



### Prior Knowledge

- Understands that some rocks can be natural or man-made.
- That man-made rocks can be found in buildings and structures.
- Understands that soil helps in the growing of plants and trees.
- Understands that different things can be found in soil like seeds, animals and stones.



Mary Anning was a famous Palaeontologist who became Known for her discoveries in Fossils.

She found early marine Dinosaurs along the Jurassic Coast in Dorset.

### New Knowledge

- To know how to identify and classify different rocks. To know how these rocks are formed.
- To know how fossils are formed.
- Observe that different things can be found in different soil types.
- To know that rocks may change their form over time.