

Rocks and Fossils

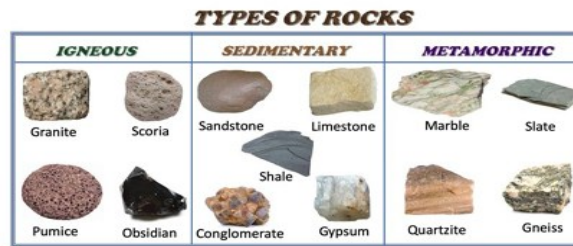
Did you know.....?

Mary Anning was a palaeontologist and fossil collector.

rock	Rock is a solid material that forms naturally.
natural	Natural materials form in nature and are not produced by humans.
human-made	Human-made materials are produced by humans and do not form naturally.
permeable	A permeable material allows liquid to pass through it.
impermeable	An impermeable material does not allow liquid to pass through it.
weathering	The process whereby rocks break down into smaller pieces or wear away over time because of rain, wind, plants or animals.
fossilisation	The process through which traces or remains of prehistoric living things become preserved.
soil	The top layer of the Earth's surface.

Naturally occurring **rocks**: sedimentary, igneous and metamorphic

Human-made rocks: anthropic rocks



Types of Weathering

biological – caused by plants or animals



physical – caused by wind, water or ice



chemical – caused by chemicals in air or water



Types of Soil



chalky



clay-based



loam



peat



sandy



silt

Words you might use to discuss the properties of rock include:

hard, soft, permeable, impermeable, density, texture, porous, grain size, durable (meaning resistant to weathering).

Fossilisation Process

1



3



5



2



4

