## Deepdale Community Primary School - Science Knowledge Organiser



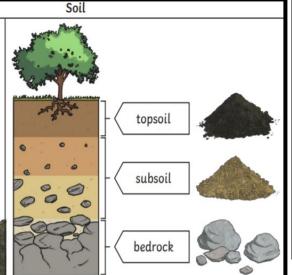
## Topic: Rocks Autumn 2 Year 3

## Types of Rocks



Soil is the uppermost layer of the Earth. It is a mixture of different things:

- minerals (the minerals in soil come from finely broken-down rock);
- air;
- water;
- organic matter (including living and dead plants and animals).



	Vocabulary you will know
grain	A discrete particle or crystal in a metal, igneous rock. Visible only when a surface is magnified.
crystals	A certain type of solid object.
layers	To form or arrange one thickness of something over anoth-
fossil	Fossils are the remains or traces of plants and animals
texture	How something feels
absorbent	Able to soak up liquid or moisture.

An animal dies. It gets covered with sediments which eventually becomes rock.

More layers of rock cover it. Only hard parts of the creature remain, e.g bones, shells and teeth

Over thousands of years, sediment might enter the mould to make a cast fossil. Bones may change to mineral but will stay the same shape.

Changes in sea level take place over a long period.

As erosions and weathering take place, eventually the fossil becomes exposed.



**Enquiry and Skills** 

Which soil absorbs the most water?

How does tumbling change a rock

Who was Mary Anning and what



Image source—Twinkl











fossils