A geologist studies the Earth and how it is made. They might look at the surface or deep underneath the ground.

This is Lucy Crane. She is a geologist. She works for a company that plans to mine for materials to make electric car batteries.

Some geologists study volcanoes. Some study earthquakes. Geologists work in many different industries, such as:
- mining and quarrying
- engineering
- oil and petroleum
- environmental protection.

**Key Learning and Science Skills:**
- Curiosity about the world around them.
- Careful observation and recording of their findings.

Would you like to use your learning about rocks and soils when you are older? Maybe you’d like to be a geologist or a palaeontologist? I wonder if there are more jobs that use rocks and soils learning?

A palaeontologist studies fossils (including dinosaurs!) to find out about the history of life on Earth.

This is Xu Xing. He is a palaeontologist. He has named more dinosaurs than any other living palaeontologist.

Palaeontologists work in different places, including:
- museums
- universities
- outdoors excavating fossils.

**Key Learning and Science Skills:**
- Care when using tools to find and uncover fossils.
- Look carefully at fossils.
- Use sorting and grouping to decide what fossil they are looking at.

**Earth’s materials**

A soil scientist studies soil.

This is Sahil. He is a soil scientist. He has studied how different plants help to improve soils in dry countries.

This is important in lots of industries, such as:
- farming
- environmental protection
- building and landscaping.

**Key Learning and Science Skills:**
- Interest in the natural world.
- Perform simple tests to find out soil types and their uses.

**What is a palaeontologist?**

**What is a soil scientist?**

**What is a geologist?**