A soil scientist studies the soil under our feet. This is important in lots of industries, such as:
- farming
- environmental protection
- building and landscaping.

**Key Learning and Science Skills needed:**
- Interest in the natural world and enjoy being outdoors learning about soils and how they help plants.
- Perform simple tests to find out soil types and their uses.

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

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A palaeontologist studies fossils (including dinosaurs!) to find out about the history of life on Earth. Palaeontologists work in different places, including:
- museums
- universities
- outdoors excavating fossils.

**Key Learning and Science Skills needed:**
- Patience and resilience when carefully using tools to find and uncover fossils.
- Observe closely using identifying and classifying (sorting and grouping) to find new fossils and know which dinosaur they belonged to.

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

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A geologist studies the Earth and how it is made. They might look at the surface or deep underneath the ground. Geologists work in many different industries, such as:
- mining and quarrying
- engineering
- oil and petroleum
- environmental protection
- volcanology (studying volcanos)
- seismology (studying earthquakes)
- British Lithium (mining company).

**Key Learning and Science Skills needed:**
- Curiosity about the world around them because geologists will use maps to travel the world, spending time outdoors.
- Careful observation and recording of their findings to give accurate details of what is in the ground.

This is Lucy Crane. She is a geologist working with a company planning to mine for lithium for use in electric car batteries.

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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?