

Science Knowledge  
Organiser  
Fossils

Step 1 - Explore fossils

- replicas (or pictures) of different fossils
- large hoops



Step 2 - Fossil formation

- plastic dinosaurs or plants
- sand
- soil
- small rocks



Key Vocabulary

- fossil
- rock
- skeleton
- shell
- fossilisation
- sediment

Key questions:

- What is a fossil?
- What could this animal have looked like?
- What could this plant have looked like?
- Which parts of an animal usually turn into a fossil?
- How long does it take for a fossil to form?
- Why are fossils useful for scientists?
- How are fossils formed?
- What is fossilisation?
- What is sediment?
- What are the key stages of fossilisation?
- What conditions are needed for fossilisation to occur?
- How has this animal turn into a fossil?
- How long does fossilisation take?

