

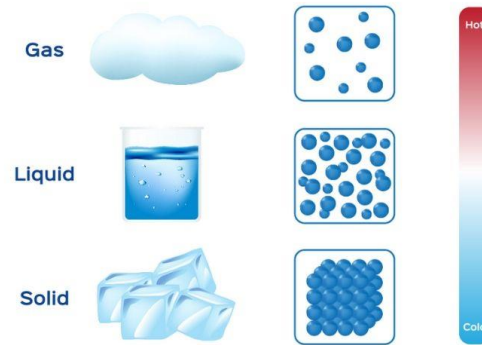
This is one of our Year 4 **science** projects. Within this project, we will learn about the different rock types through identifying and comparing their properties. We will also investigate the different states of matter and identify the Earth's four layers, exploring how fossils are made and carrying out our very own scientific enquiry!

### Prior learning

- Soil contains nutrients which help plants to grow.
- Magma is molten rock that is formed in very hot conditions inside the Earth.
- We know why some materials are used for certain purposes because of their properties.
- The water cycle.

### Key vocabulary

Fossil  
Magma  
Lava  
Rock  
Sediment  
Solid  
Liquid  
Palaeontologist



### States of matter

- Matter is anything that has weight and takes up space.
- It makes up our Earth and the universe.
- On Earth, matter exists in one of three states: solid, liquid or gas.

### Key questions to support learning:

- What is a rock?
- How and why do rocks change over time?
- How are fossils formed?
- What is soil made of?
- What are the 3 states of matter?

