

## Science - Year 3

### Spring 1 - Rocks

#### Key Knowledge

- Compare and group together different types of rocks on the basis of their appearance and simple physical properties.
- Describe in simple terms how fossils are formed when things that have lived are trapped within a rock.
- Recognise that soils are made from rocks and organic matter.
- Know that there will always be rocks under the ground and in some place soil as well.
- Understand that different rocks and soils have different properties and investigate some of these.

How could you organise these rocks into groups?



#### Key Questions

- What is a fossil?
- Can you describe how fossils are formed?
- Can you list the different types of rocks?
- Can you group together different kinds of rocks based on their physical appearance and properties?
- Can you explain what soils are made from?
- How can we tell rocks apart?
- Do you think most rocks float or sink? Explain why.
- Is soil always the same colour? Why?



#### Key Vocabulary

- Rocks
- Fossils
- Physical appearance and properties
- Texture and colour
- Soils
- Organic matter
- Observations
- Compare and group
- **Three rock categories** - sedimentary, metamorphic and igneous.
- **Types of rocks** - chalk, diamond, sandstone, slate, granite, flint, marble and limestone.

