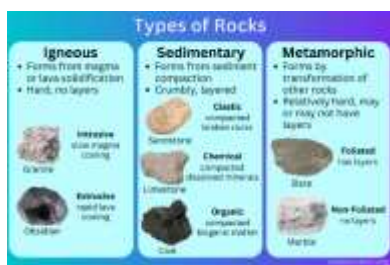


In science we are learning about...

Rocks

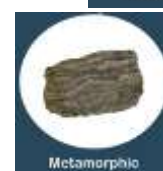
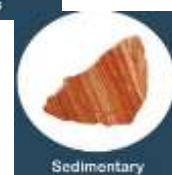
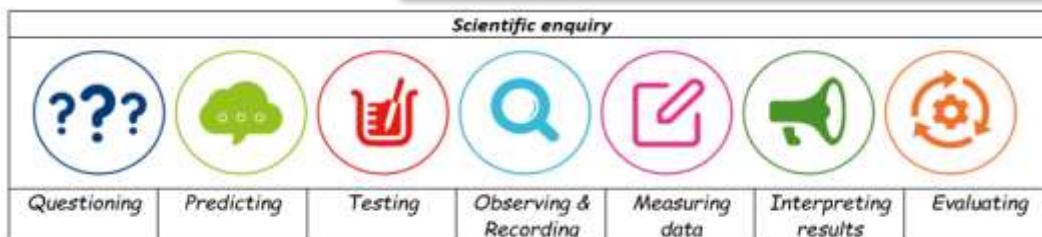
Key vocabulary

- **rock**- a solid material forming part of the surface of the earth
- **soil**- the upper layer of earth typically consisting of a mixture of organic remains, clay, and rock particles
- **Fossil**- the remains or impression of a prehistoric plant or animal embedded in rock and preserved
- **Organic matter**- the part of soil that is composed of living and dead things in various states of decomposition, such as plant roots
- **grains**-a small rock particle
- **crystals**- a certain type of solid object made of tiny parts that are arranged in a regular pattern
- **sedimentary rock**- formed from pre-existing rocks or pieces of once-living organisms.
- **igneous rock**- this forms when hot, molten rock is crystallised and solidifies
- **metamorphic rock**- rock formed from great pressure or temperature.



Sticky knowledge

- To know that there are 3 types of rock, and these are called igneous, sedimentary and metamorphic.
- I can group and identify rocks based on their properties
- To know that fossils are formed when things that have lived are trapped within rock.
- To know that soils are made from rocks and organic matter including living and dead plants and animals.



Links to previous learning

- Identify and name a variety of everyday materials, including rock.
- Describe the simple physical properties of everyday materials.
- Compare and group together materials based on physical properties.
- Explore and compare the differences between things that are living, dead, and things that have never been alive.

Aspirations

- Palaeontologist
- Geologist
- Gardener



Characteristics needed for this topic:

- Making links
- Curiosity
- Questioning

