Year 3- Rocks (Chemistry)

Factual Knowledge

- I know rocks are natural materials.
- I know granite, pumice, sandstone, chalk, marble and gneiss are all types of rock.
- I know rocks have different properties.
- I know rocks can be grouped in different ways.
- I know some rocks have grains and some rocks have crystals.
- I know some rocks have layers.
- I know some rocks are light and some are heavy.
- I know some rocks are hard and some rocks are brittle.
- I know some rocks react with acid and some rocks float and some sink.
- I know rocks are used as building materials.
- I know rocks have different textures and appearances.
- I know rocks change over time.

Important vocabulary I will know

granite		a hard rock with easy to see crystals
pumice		a light rock with small holes
sandstone		a pale-coloured rock with grains
chalk		a soft white rock
marble		a white rock with crystals
gneiss		a hard rock with layers
texture		what something looks and feels like
weathering		the breaking down of rocks over time
brittle		easily broken
reaction		a change, which can be seen with a temperature change, bubbles or a colour change



Scientific Enquiry- Identifying, grouping and classifying

Enquiry question: How can rocks be identified and grouped based on their properties?

Working Scientifically

- Gather, record and classify data
- Make observations



