

# Year 6 Curriculum Overview



## Geography

### Volcanoes

- \* know where the main mountain regions are in the UK
- \* know the names of a number of the world's highest mountains
- \* I can use google Earth to locate the world's highest mountains.
- \* know at least five differences between living in the UK and a European country (Iceland)
  - \* label the different parts of a volcano
- \* know at least five differences between living in the UK and a European country (Spain)
- \* know the names of and locate a number of North American countries
- \* know the names of and locate a number of South American countries
  - \* know the names of and locate the four capital cities of England, Wales, Scotland and Northern Ireland (Y1/Y3)
- \* use maps and globes to locate the Equator and the Tropics of Cancer and Capricorn (Y3)
  - \* know how to use four-figure grid references (Y5)

## History

## Science

### Scientific Enquiry

- \*I can plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary.
- \*I can use test results to make predictions to set up further comparative and fair tests.
- \*I can take accurate measurements, using a range of scientific equipment taking repeat readings when appropriate.
  - \*I can record complex data and results using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs
- \*I can report and present findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as display and other presentations.
- \*I can describe and evaluate my own and other people's scientific ideas using evidence from a range of sources.
- \*I can use scientific language and ideas to explain, evaluate and communicate my methods and findings.

### Scientific Knowledge

- \*I recognise that light appears to travel in straight lines.
- \*I can use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.
- \*I can use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into our eye.
- \*I can explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes.
- \*I can identify the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood.
- \*I recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.
- \*I can describe the ways in which nutrients and water are transported within animals, including humans