

# Year 6 Curriculum Overview



## Geography

### Volcanoes

- \* Explain why aspects of countries are similar and different in physical and human geographical features (Iceland - Volcanoes)
- \* Demonstrate an understanding of the key physical processes that occur around the world
- \* Understand some of the physical processes in the formation of rivers and volcanoes
- \* Explain the landscape of Iceland in terms of how it has been shaped by volcanoes
  - Use atlas symbols
  - Use scale bar on maps to measure distances
- \* use mapping software with a 3D view to compare plan and oblique views of places
- \* Use medium scale maps (eg. OS: 1:10,000, 1:25,000 and 1:50,000 maps)
- \* Understand there are differences between physical and human aspects of regions - East Anglia (UK), Catalonia (Europe), California (North America) and Amazon Basin

## 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 can describe the simple functions of the basic parts of the digestive system in humans.
- \*I can identify the different types of teeth in humans and their simple functions.
- \*I can construct and interpret a variety of food chains, identifying producers, predators and prey.