

## Science

### Biology

#### Animals and humans

Look at the digestive system in humans.

Look at teeth.

#### All living things

Identify and name plants and animals'

Look at classification keys.

### Chemistry

#### States of matter

Look at solids, liquids and gases, changes of state, evaporation, condensation and the water cycle.

### Physics

#### Sound

Look at sources, vibration, volume and pitch

### Working Scientifically

Across all year groups scientific knowledge and skills should be learned by working scientifically. (This is documented in the Essentials for progress section.)

### Physics

#### Electricity

Look at appliances, circuits, lamps, switches, insulators and conductors.

## Geography

Locate the world's countries, with a focus on Europe and countries of particular interest to pupils.

Describe and understand key aspects of:

- physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes and the water cycle
- human geography, including: settlements, land use, economic activity including trade links and the distribution of natural resources including energy, food, minerals and water supplies.

Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.

Use the eight points of a compass, four-figure grid references, symbols and keys (including the use of Ordnance Survey maps) to build knowledge of the United Kingdom and the world.

Use a wide range of geographical sources in order to investigate places and patterns.

Use fieldwork to observe, measure and record the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs and digital technologies.

## History

Britain's settlement by Anglo Saxons and Scots.

The Viking and Anglo Saxon struggle for the Kingdom of England.

Early Civilizations achievements and an in-depth study of one of the following: Ancient Sumer; The Indus Valley; Ancient Egypt; The Shang Dynasty.

A non- European society that contrasts with British history chosen from:

- Early Islamic Civilization
- Mayan Civilization
- Benin.

History of interest to pupils.