



Geography

Earthquakes

- Recognise, name and locate at least 8 countries of the world and their major cities.
- Name the main mountain ranges in the UK and wider world.
- Understand some of the physical processes in the formation of mountains and earthquakes
 - Ask and respond to questions and offer their own ideas
- Analyse evidence and draw conclusions; eg. make comparisons between locations, pictures and maps
- Look at smaller scale aerial view on physical maps and digital software
 - Begin to use atlas maps and globes
 - Use index and contents pages in atlases
- know the names of four countries from the Southern Hemisphere
- identify the following physical features: mountain, lake, island, valley, river, cliff, forest and beach

History

Science

Scientific Enquiry

- I can ask relevant questions and use different types of scientific enquiries to answer them
 - I can set up practical enquiries, comparative and fair tests.
- I can use results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions.
- I can identify differences, similarities or changes related to scientific ideas and processes.
 - I can use scientific evidence to answer questions or to support my findings.
- I can make systematic and careful observations and take accurate measurement using standard units, using a range of equipment, including data loggers for decibels.
- I can gather, record, classify and present data in a variety of ways to help in answering questions.
- I can record findings using simple scientific language, drawings, labelled diagrams, flow charts, bar charts and tables.
- I can report on findings from enquiries, including spoken and written explanations, displays or presentations of results and conclusions.

Scientific Knowledge

- I can identify common appliances that run on electricity.
- I can construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers.
- I can identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery.
- I can recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit.
- I can recognise some common conductors and insulators, and associate metals with being good conductors.
- I can identify how sounds are made, associating some of them with something vibrating.
 - I recognise that vibrations from sounds travel through a medium to the ear.
- I can find patterns between the pitch of a sound and features of the object that produced it.
- I can find patterns between the volume of a sound and the strength of the vibrations that produced it.
- I recognise that sounds get fainter as the distance from the sound source increases.