

Science Children will study electricity. They will:

Explain the changes in a circuit

Identify and name the basic parts of a circuit (cells, wires, bulbs, switches and buzzers)

Compare and give reason for variation in how components function, including the brightness of bulbs, the loudness of buzzers.

Explain the effect of changing the voltage of a battery.

Use information from different sources to plan an investigation and make predictions.

English

Children will use 'When the Mountain Roared' as whole class texts. Children will use these texts to explore :

Recounts

Narrative

Persuasion

Non-chronological report

Poetry

Computing

Children will learn to create their own database and present information from it.

Children will collect live data and log that data.

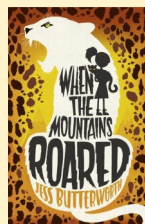
Children will explain how an algorithm works

Children will explore 'What if' questions by planning different scenarios for controlled devices.

Children will use scratch to learn how to code.

Y6—Autumn 2

Mighty Mountains



Key dates for your diary

8th January—Dino Maths

PE

Children will complete lessons in fitness, including different exercises and how to increase stamina.

Spiritual, Moral, Social and

Cultural (SMSC, RE, PSHE)

Children will explore rights and responsibilities, including democracy in PSHE.

IN RE, we will look at special people, including key religious leaders.

Humanities

(Geography, History, Global Learning)

Geographical Enquiry:

Children are to plan an accurate journey from one mountain range to another in a different part of the world. The journey must take into account distance and time.

Children are to collect information about a mountain range and use it in a report.

Human and Physical Geography:

Children are to describe mountain ranges and describe types of settlements/ land uses near mountain ranges.

Children are to describe the economic activity including trade links, and the distribution of natural resources from the mountain ranges.

Geographical skills

Children will use maps, atlases, globes and digital/ computer mapping to locate mountains and describe features studied

Children will use the 8 points of a compass, 4- and 6-figure grid references, to describe the position of mountain around the UK and the wider world.

Maths

Children will look at:

Algebra

Units of measure

Area, perimeter and volume

Children will have the opportunity to problem solve using their mathematical skills throughout these units.