

Year: 5

Term: Autumn

Time Allowed: 15 wks

Class: 5C & 5CT

Discrete Subjects

Maths

- Number, place value and rounding
- Mental addition and subtraction
- Multiplication and Division
- Geometry
- Measurement

English

Read, Write, Perform - Battlecry
There's a Boy in the Girl's Bathroom

Computing

Computing Systems and Networks -
Systems and Searching

RE

Why do some people believe in God?

SEAL/PSHE

Relationships

Music

Percussion instrument tuition SMS
Scheme of Work

MFL

Following i-languages scheme

Geography Mighty Mountains

INTENT

To use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied in the context of mountain ranges.

To describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle in the context of mountains.

To describe and understand key aspects of human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water in the context of mountain tourism.

Mighty Mountains



Science

Properties of everyday materials (linked to Mighty Mountains)

INTENT

- To compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets
- To know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution
- To use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating
- To give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic
- To demonstrate that dissolving, mixing and changes of state are reversible changes
- To explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda

DT Materials

A Mountaineers Sleeping Bag

INTENT

To use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups
To generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design

To create a mountaineers sleeping bag.
To test different materials for waterproofness.
To test for insulation.

Art

Drawing & Mark Making/Working with Colour /Knowledge of Artists Katsushika Hokusai

INTENT

To create sketches/artwork to record their observations and use them to review and revisit ideas.
To be taught about great artists, architects and designers in history.

To study a range of Japanese woodblock pictures, (eg Hokusai's views of Mt Fuji' series) and understand how they were made.
To describe them using a range of artistic vocabulary and begin to appreciate them.
To describe some of the features of Hokusai's work and the influences on it.
To produce a sketch of one of the paintings in Hokusai's Mount Fuji series.
To produce own version of a Hokusai type image of Mt Fuji.