

History

History of mountain climbing firsts.
Facts from the past -
Timelines of firsts in climbing achievements.

Geography

Mountains of the UK, Europe and the world
Highest mountains
How are mountains formed?
Mini projects on a world mountain
Mountain ranges-tourism effects
Map work-using OS map symbols and 6 figure grid references to explore landscape features
Dangers on the mountain-weather changes

Science

Animal and plant adaptations
Lifecycles of plants and animals
Food chains and food webs
Flowering plants and seed dispersal techniques
Pollination
Fossils and links to prehistoric animals

Art and design- Drawing and painting skills

Mountain creatures-draw real and imaginary
Water colour techniques -landscapes
3D shapes and how to shade for effect
Creating 3D paper models-folding, weaving and plaiting techniques
Ink drawings of mountain ranges

WOW:
Climbing wall

**Literacy**

Biographies of famous climbers and explorers
Reports/fact files about mountain animals
Recounts from climbers, walkers, geologists
Letters to complain about pollution or tourism
Newspaper reports about avalanches/rescues
Using texts and poems with cold themes
Explanatory reports-how mountains are formed

Numeracy

Measuring- volume, length and weight
Negative numbers and temperature
Compass points and angles /2D 3D shapes
Shapes 2D 3D

RE/PSHE Awareness of other people's beliefs-Everest
Sacred Books....sacred mountains
Self esteem and challenges

ICT Internet research,
E safety
Algorithms -simple creations through use of algorithms.

Key/Critical Skills

Focus:
Atlas skills
Reading for facts

Music

Sound effects for mountain atmosphere.

DT Food packs

Safety equipment
Building harnesses
Pulley systems
Rope walks/shelters