

Geography - Mountains

- To know how to identify areas of high ground on a physical map of the world.
- To know how to use an atlas to locate the major mountain ranges of the world.
- To know the features of a mountain.
- To know how different types of mountain form.
- To know how to use an atlas to identify the highest peaks of the United Kingdom.
- To know how to use the key features of an Ordnance Survey Map including compass directions, the key, 6 figure grid references, grid squares and scale.
- To know how tourism affects mountain regions.

Science - Forces

- To know and identify the different forces acting on an object.
- To know what balanced and unbalanced forces are
- To know what gravity is and to explain the effect of gravity on unsupported objects.
- To know how the first theory of gravity was developed.
- To know what air resistance is and the effect it has.
- To know what water resistance is and the effect it has.
- To know what friction is and the effect it has.
- To explore and design mechanisms.

Literacy

Advert Lenses

- rhetorical question
- dialogue
- repetition
- alliteration
- fronted adverbials
- similes
- imperative verbs
- subordinating conjunctions
- wordplay

Diary Lenses

- relative clause
- semi-colon
- pathetic fallacy
- rhetorical question
- metaphor
- ellipses
- time conjunction



Music - 'Exploring: The little train of the Caipira'

PE - (Both classes) Athletics Rounders (5RH) and Swimming (5H)

PSHE - Growing and Changes

Maths

- To practise and use multiplication tables (up to 12 x 12.)
- Shape
- Position and Direction
- Decimals
- Negative Numbers
- Converting Units
- Measurement and Volume

DT

- To know the difference between a single fixed pulley and a compound pulley structure.
- To know that we will need a pulley system to create a mechanism for the children from 'The Explorer' to retrieve fruit from the tree tops.
- To know what products use Pulley systems and understand how these are useful.
- To know who created the first single pulley and compound pulley system and understand how this has helped shape the world.
- To know which pulley system our group will create..
- To know that we will require wheels with a groove to create our pulley .
- To know which materials will work best for our design according to their functional properties.
- To know how to attach our pulley systems to our structure using joining techniques.
- To know how to strengthen and stiffen our structure.
- To know how effective our pulley system is.