Year 5 term 2
What is life like in the Alps?

Book Talk

Children will read:

- "Mountains" by Izzi Howell
- "Survivors" by David Long
- A Christmas Carol by Charles Dickens – adapted by Tony Mitten.

Children will learn to:

- Develop understanding of vocabulary, predict, explain, retrieve, summarise and comprehend, skim and scan for vocabulary

French

Je me présente

(Presenting Myself)

Grammar

Children will learn to use:

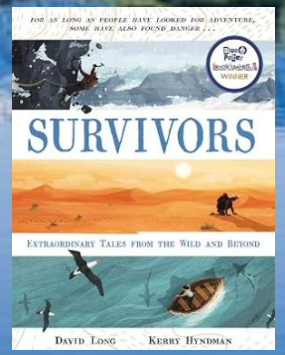
- Expanded noun phrases
- Rich vocabulary including emotive language
- Relative clauses
- Adverbs for possibility and time
- Figurative language including metaphors
- Subordinating conjunctions
- Fronted adverbials
- Prepositions
- Co-ordinating conjunctions
- Modal verbs
- Pronouns and possessive pronouns
- Time adverbials
- Colon and semi-colons in a list
- Formal language
- Subordinate clauses

English

Writing:

Children will learn to:

- Create a descriptive piece of writing about a mountain,
- They will develop an understanding of different literacy devices that can be used to create their own descriptive pieces about a mountain,
- They will develop an understanding of the features of a diary entry.
- They will create their own diary entries whilst imagining they are explorers up a mountain.
- They will develop an understanding of the features of a non-chronological report on the Alps,
- They will create their own non-chronological report on the Alps.
- They will write a descriptive piece inspired by the Christmas Carol story and the character Mr Scrooge.







Maths

Children will learn:

- Square numbers,
- Cube numbers,
- how to multiply and divide by 10,100, 1000,
- Multiples of 10,100,1000
- Fractions less than 1
- Compare and order fractions greater than 1
- Add and subtract fractions with the same denominator
- Add fractions within 1
- Find equivalent fractions,
- Recognise equivalent fractions
- Convert improper and mixed numbers
- Subtract mixed numbers breaking the whole,
- Subtract two mixed numbers
- Compare fraction less than 1
- Order fractions less than 1
- Add fractions within 1
- Divide a 4 digit number by a 1 digit
- Divide with remainders
- Efficient division
- Solving word problems with multiplication and division
- Add fractions over 1
- Add to a mixed number
- Subtract fractions
- Subtract mixed numbers- breaking the whole
- Subtract from a mixed number
- Multiply a 3 digit by a 2 digit,
- Multiply a 4 by 2 digit,
- Solve word problems,
- Short division,
- Divide a 4 by 1 digit

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Science - Properties and changes of materials

Children will:

- 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
- know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution
- use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating
- give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic
- demonstrate that dissolving, mixing and changes of state are reversible changes
- 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

Geography - What is life like in the Alps?

Children will learn:

- Where the Alps are
- What it is like in the Alps,
- Why people visit the Alps,
- What is there to do in the local area,
- How are the Alps different from our local area,
- What life is like in the Alps.

PSHE and RSHE

Celebrating Differences

Children will learn to:

- Be aware of my own culture
- Be aware of my attitude towards people from different races, cultures and ethnicities
- Explain a range of strategies for managing my feelings in bullying situations and for problem-solving when I'm part of one.
- Explain some ways to encourage children who use bullying behaviours to make other choices and know how to support children who are being bullied
- appreciate the value of happiness regardless of material wealth.
- respect my own and other people's cultures

Computing

Creating media – Video Production

Children will:

- explain what makes a video effective.
- use a digital device to record video.
- capture video using a range of techniques.
- create a storyboard
- identify that video can be improved through reshooting and editing.

Design and Technology

Children will:

Develop an understanding of cooking and learn to make Spaghetti Bolognese.

- Develop understanding of a healthy plate,
- How ingredients are reared and processed,
- Make adaptations to a design recipe,
- Evaluate nutritional content,
- Design a product label
- Follow and make an adapted recipe.

RE

What does it mean to be a Muslim in Britain today?

Children will:

- Identify and explain Muslim beliefs about God, the Prophet and the Holy Qur'an.
- Describe ways in which Muslim sources of authority guide Muslim living.
- Give evidence and examples to show how Muslims put their beliefs into practice in different ways.

Music

- Blues
- Christmas Carols

PE

- Fitness
- Gymnastics