



YEAR 5 TERM 3

Sensational Summits



MATHS

Multiplication and Division

- Multiply by a 1-digit number;
- Multiply numbers by a 2-digit number;
- Solve problems with multiplication;
- Short division; Divide a 4-digit number by a 1-digit number;
- Divide with remainders;
- Solve problems with multiplication and division

Fractions

- Multiply unit and non-unit fractions by an integer;
- Multiply a mixed number by an integer;
- Calculate a fraction of quantities and amounts;
- Use fractions as operators

GEOGRAPHY

Sensational Summits

What is life like in the mountains?

- How are mountains formed?
- What mountains and mountain ranges do we have in the UK?
- What is there to do in the Alps?
- How are the Alps different from our local area?

SCIENCE

Chemistry – Properties of Materials

- Test materials - magnetic, transparency and hardness; electrical conductivity;
- Plan, investigate and evaluate - insulating heat experiment;
- Uses of everyday materials - plastic, wood and metal

Biology – Animals, Including Humans

- The human life cycle; Babies and children



WE ARE READING...



ENGLISH

Persuasive Writing: Travel Brochure

Instructions

Biography: of a mountaineer

News Paper Report: mountain climber adventure

ENRICHMENT

Enrichment Day

Mountain Models



KEY DATES

Monday 6th January: Start of Term 3

Thursday 16th January: Enrichment day (non-uniform)

w/c Monday 10th February: Online safety week

Thursday 13th February: Last day of term





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MUSIC

Charanga: Make You Feel My Love

Learning is focused around one song: *Make You Feel My Love*. Elements of music (pulse, rhythm, pitch etc). Children learn to sing, play, improvise and compose with this song, and listen to and appraise other Pop Ballads.

Mandarin

Children have the exciting opportunity of learning basic Mandarin with a visiting teacher this term!



R.E

What happens when we die? (Part 1)

- Why do some people believe in a soul?
- How do some people make up for bad deeds?
- If there's a heaven, what might it be like?
- What is the purpose of a funeral?
- How do some people seek forgiveness for their lives?
- How do some people remember those that have died?



P.S.H.E

Dreams and Goals

- Future dreams
- The importance of money
- Jobs and careers
- Dream job and how to get there
- Goals in different cultures
- Supporting others (charity)
- Motivation



ART

Rocky Road

We will be looking at Indigenous art and patterns through the work of Norval Morrisseau and Matt Sesow; painting feathers and birds, dream catchers, and carpets, and drums all decorated with colours and shapes.



COMPUTING

Online Safety

Responsibilities and support when online; Protecting privacy; secure passwords; advantages, disadvantages, permissions, and purposes of altering an image digitally; Awareness of appropriate and inappropriate text, photos and videos and sharing online; Reliability of different methods of communication and sources.



D.T

Electrical systems: Doodlers

Exploring series circuits and introducing motors by investigating an existing motorised product, this project encourages children to problem-solve and understand a product's construction before developing their own.



P.E

Gymnastics

Develop elements to perform sequences, building on previous learning - key shapes, balances, movement and travelling, and skills to work in pairs, small groups and individually.

Fitness

Improve aerobic and anaerobic fitness; circuit training, boxercise; Gain appreciation of physical activity as a lifelong habit

