

Maths

Addition and Subtraction (Unit 3)

Add and subtract numbers with up to four digits using the formal written methods of columnar addition and subtraction where appropriate.

Solve number and practical problems that involve addition and subtraction with increasingly large positive numbers.

Estimate and use inverse operations to check answers to a calculation.

Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.

Area (Unit 4)

Find the area of rectilinear shapes by counting squares

Multiplication and Division (Unit 5)

Recall multiplication and division facts for multiplication tables up to 12×12

Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers

English

Stories with Dilemmas

- Cold write. Story map with actions- Balaclava boy. Discuss the meaning of unfamiliar words. Explore vocabulary and grammar strategies. Conscience alley – what is a dilemma? Vocabulary to magpie.
- Discuss characters in the story – thoughts feeling and actions
- Features and structure of a good dilemma story. Letter to relate to character’s feelings
- How an author can build up tension
- Innovate whole class tension story
- Write short tension story using innovated story map and features learned in reading phase
- Plan and write own dilemma story linking with mountain topic

Poetry

- Composing and rehearsing sentences orally (including dialogue), progressively building a varied and rich vocabulary and an increasing range of sentence structures.
- Read aloud their own writing, to a group or the whole class, using appropriate intonation and controlling the tone and volume so that the meaning is clear.

Geography- Mountains

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

To locate the world’s countries, using maps to focus on Europe (including the location of Russia) and North America and South America, concentrating on their environment regions, key physical and human characteristics, countries, and major cities 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 mountain ranges.

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

**AUTUMN TERM 2
Magnificent Mountains**



Computing-Data Handling

- To carry out safe searching
- To consider the reliability of an information source
- Collecting data for a collaborative database
- Searching and sorting data
- Presenting information using a range of charts and articles

DT

Cooking and nutrition

- Healthy diet and a varied diet
- A bread-based product with a healthy filling for lunch.

Science-Sound

- To identify how sounds are made, associating some of them with something vibrating.
- To recognise that vibrations from sounds travel through a medium to the ear.
- To find patterns between pitch of a sound and features of the object that produced it.
- To find patterns between the volume of a sound and the strength of the vibrations that produce it.
- To recognise that sounds get fainter as the distance from the sound source increases.

PSCHE

- Puzzle Piece 2 – Celebrating Differences

PE

Forest Schools

RE

- Why are festivals important to religious communities?
- Diwali Hindu
- Christian - Christmas

French

My Local Area
Ma ville