KEY STAGE 2 CURRICULUM PLAN-Y4 AUTUMN TERM 2

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

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 know what a mountain is- an elevated part of the earth's crust normally 300m above the surrounding land
- To know the name and location of some mountain ranges of the world. (Himalayas – Asia , Rockies- North America, Andes- South America, Alps – Europe)
- To know where the Alps mountain range is - Europe
- To know what type of mountain the Alps are -Fold Mountains
- To know the key features of a mountain - Height, Summit, Plateau, Snowline, Valley, Ridge, Foot, Face, Outcrop, Tree Line and Slope
- To know what a Topographical map is and how to use it
- To know what contour lines mean on a map – show the height the closer together they are the steeper the incline
- To know tourism can have both a positive and negative effect on the Alps.

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.

PE

Forest Schools

Science-Sound

- To identify how sounds are made, associating some of them with something vibrating.
- To recognise that vibrations from sound 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 sound gets fainter as the distance from the sound source increases.

PSCHE

- Puzzle Piece 2 – Celebrating Differences

RE

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

French

My Local Area
Ma ville