



Y4 Curriculum Information

Mountain Topic/Geography

We are going to explore how mountains are formed, the geographical features of mountains, from fold mountains to fault block mountains. We will consider how the Earth's tectonic plates mean that the World which we know today was radically different in the past and will continue to change forever.

The children will learn about the climate in mountainous regions and be able to locate these regions around the UK and the rest of the World.

English

The main focus of this term is non-fiction writing which will include the features of non-chronological texts; children will study the short animation 'Marshmallows'.

We will also work on our fictional writing, developing their story-writing skills.

The children will be given the opportunity to exhibit their writing skills both with English lesson and through topic-based, cross-curricular writing.

Key Vocabulary: noun-verb pairs, prepositional phrases of time/place, third person, present tense, formal register, nouns and pronouns, bullet-points, headings and subheadings.

Reading

In reading, we will continue to develop techniques for

improving comprehension skills. Guided reading will be topic related and focus on inference and developing interpretive skills.

We will be continuing to develop skimming and scanning skills to be able to locate information quickly.

Key Vocabulary: skim, retrieve, infer, summarise inference, point, evidence, explanation

Maths

The key areas we will be focusing on this term are:

Understanding and manipulating multiplicative relationships - we will explore partitioning one of the factors in a multiplication equation in order to break down larger multiplications (2 or more digits) i.e. $18 \times 3 = 10 \times 3 + 8 \times 3$

We will also explore multiplying and dividing by 0/10/100 and what happens to the product.

Applying the distributive law to multiplication

Understanding that we can partition multiplications using part-part-whole models.

Key Vocabulary: adjacent multiples, multiples, divisors, square numbers, factors, product, distributive law, partitioning

Science

Our topic this term is 'States of matter'.

We will be comparing and grouping materials together, according to whether they are solids, liquids or gases. We will observe that materials change state when they are heated or cooled and measure the

temperature at which this happens in Celsius. We will identify the part played by evaporation and condensation in the Water Cycle and associate the rate of evaporation with temperature.

Key Vocabulary: solid, liquid, gas, heating, cooling, state change, melting, freezing, boiling, temperature, boiling point, melting point, water vapour, particle, evaporation, condensation, water cycle, precipitation

RE

In R..E, the children will be thinking about **why Christians call the day Jesus died 'Good Friday'** and they will reflect on whether believers should give things up for Lent.

Key Vocabulary: Holy Week, Last Supper, Good Friday, Palm Sunday, Ash Wednesday, Maundy Thursday, Lent

Computing

In Computing this term, we will build upon the skills we learnt in Logo at the start of the year and explore the concept of repetition in programming using the Scratch environment. We will look at the difference between count-controlled and infinite loops, and use our knowledge to modify existing animations and games using repetition. Our final project is to design and create a game which uses repetition, applying stages of programming design throughout.

Key Vocabulary: Scratch, programming, sprite, blocks, code, loop, repeat, value,



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Art

In Art , the children will recreate



observational drawings of the Russian artist and explorer Nicholas Roerich, recreating some of his iconic mountain-scape paintings.

Key Vocabulary:
contour, shape,
outline, perspective

PE

Dance

We will be perfecting our dance routines for our fantastic show!

Tennis

The children will be developing their tennis skills this term, learning to hit and return the ball using a forehand. They will learn when to use the backhand.

They will work co-operatively with a partner to keep a continuous rally going and use simple tactics to outwit an opponent.

Whole Child Objectives

Social: To work collaboratively with others.

Emotional: To play games honestly and within the rules.

Thinking: To identify areas of strength and for improvement

French

In French, the children will continue to develop their speaking, reading writing and listening skills.

Using the sentence builder approach, we will be focussing on description of another person (third

person– il/elle).

**Key Vocabulary: Il/elle
a/ il/elle est**

**Les yeux, les cheveux,
assez, un peu, timide,
intelligent/e bavard/e,
sportif/ve**

PSHE

We will be exploring the topic of 'Me and my relationships' this term.

Children will have an opportunity to further their understanding of what is acceptable or unacceptable in a relationship and be given strategies to deal with situations they find tricky or difficult.

AYLA

We will be continuing our work on the Young Leaders Award for our PSHE topic this term.

Children will be thinking about their local area and how they could help to make positive changes in an attempt to 'Be the change they want to see'.

**Look out for details
coming home soon!**