

Cosgrove Village Primary School

Perilous Peaks! Class 3

Mathematics:

Measurement- To be able to use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling.

Geometry- Properties of shape- identify 2-D shapes and 3-D shapes, including cubes and other cuboids, from 2-D representations. Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles and draw given angles, and measure them in degrees.

Identify: angles at a point and one whole turn (total 360°) Angles at a point on a straight line and ½ a turn (total 180°) and other multiples of 90°. To use the properties of rectangles to deduce related facts and find missing lengths and angles. To distinguish between regular and irregular polygons based on reasoning about equal sides and angles.

Geometry- Position and Direction- Describe positions on a 2-D grid as coordinates in the first quadrant. Describe movements between positions as translations of a given unit to the left/right and up/down. Plot specified points and draw sides to complete a given polygon.

Science:

Water Cycle

We will explore how the water that we use today has been around for millions of years. We will learn how the water cycle takes water on a journey and is made up of six possible processes: condensation, infiltration, runoff, evaporation, precipitation, transpiration. The heat from the sun causes water to turn into a gas known as water vapour. We will have a specific focus on how this impacts mountains.

Human Body

We will learn how our skeleton is made from bones and how they are joined to our muscles. We will look at the function of the muscles in our body and how we can keep our bones and muscles healthy and strong.

Properties of Materials

We will complete a fair test analysing materials that can be used as thermal insulators.

Physical Education

Invasion Games, Striking and Fielding Games, Athletics.

Religious Education

This term we will explore the Buddhist religion and its links in Tibet, China and Japan. We will explore meditation and how it is a key part of the Buddhist faith.

- Explain the main beliefs that Buddhists share.
- Understand what the main Buddhist symbols represent.

We will visit the Kelmarsh Meditation Centre and receive a talk and experience meditation with modern British Buddhists.

Music:

We will be using inspiration from the Buddhist religion to listen to and evaluate Meditation music.

Using what we have learned, we will compose and perform our own Buddhist inspired meditation music as a class.

Art, Design & Technology:

We will be learning all about mountains and caves and creating Art and DT using a variety of media inked with our topic.

This will include a look at the features of caves such as stalagmites and stalactites and creating our own.

The children will also complete some fine art sketching using light and shade.

English – Reading, Writing, Spelling, Punctuation and Grammar

We will explore non-fiction text and webpages all about the Himalayas and research different aspects of Tibetan, Japanese and Chinese lives and traditions. We will present our research in the form of notes and reports.

We will study the world's most famous mountains and create group presentations about them and link this with our Computing work through the use of Adobe Spark Voice. We will also complete Maths based data handling using the facts that we find out such as their heights.

We will complete Talk 4 writing work based around our class study book 'King of the Cloud Forests' by Michael Morpurgo. We will write diary entries in role as Ashley the main character and balanced arguments based around the dilemmas that he faces in the text.

We will follow the story, make predictions and then write our own alternative ending. Once our endings are written, we will compare them to the actual ending and write them up into a whole class iBook. We will research and write newspaper articles about Yetis and caves.

In addition, we will complete weekly comprehension activities to develop comprehension skills, weekly spelling, grammar and punctuation focuses.

History and Geography

This term we will explore the Himalayas and surrounding countries that border it. We will learn about the geological and cultural similarities and differences between China and Japan and compare and contrast them directly.

We will look historically at the area surrounding the Himalayas in the 1940s and how it was different to today and what impact that has had long term.

We will also have a specific focus on Tibet, its past and present political situation as well as its cultural and religious significance.

We will also complete a Geography and Science focused study on Mountains and Rivers

Computing

Use a range of programs and Apps to support learning in the classroom and to present work in a variety of ways including powerpoint linked to our Literacy work.

We will research using the internet. We will also explore iBooks and create a whole class iBook using our story writing work.

Languages: French

Throughout the year pupils will participate in a range of French language learning activities including activities based around:

- Listening and responding
- Speaking
- Reading and responding
- Writing

PHSE and British Values Education:

Exploring a specific unit focus on Buddhism culminating in a visit to a Kelmarsh Meditation Centre.

What does your faith and the faith of others say about caring for our world?

Making good choices.

Relationships and Community- comparing our community to Tibet, China and Japan in Literacy.

Continuing Growth Mindset work.