

Learning Environment:

In Year 4 this half term we are journeying to mighty mountain peaks above the morning mists which are imposing and eternal, over their rocky outcrops at their feet. We will discover how these giants are formed, as a fold or a block, a dome or a plateau. But we will need to beware of legendary creatures that leave footprints in the snow. We are beginning our topic with a week of exploration and discovery! Be prepared to problem solve, challenge and work as a team!

PSHE Jigsaw - Relationships

Design and Technology – Art

- Create and construct 3D models of different mountain types.
- Construct a mobile of the water cycle.
- Using natural resources to create art inspired by our engage day.

Maths –Understanding and exploring fractions, decimals, and Roman Numerals and times tables.

- Using our developing times table facts up to 12 times tables.
- Apply our knowledge of fractions and decimals to solve percentage problems.
- Using and applying formal written multiplication methods effectively.

Music – Compose music for different purposes.

- Using the water cycle as a stimulus we will compose a musical journey.
- Using music to enhance our stop motion animations.

Physical Education- throughout this term we will:

- Link Geography to PE; using the compass to navigate and move in different ways around courses.
- Take part in the scheme of work entitled Real PE to increase our mobility, dexterity, physical strength and capacity and general health.
- Climb, orienteer and problem solve as part of

Misty Mountain Sierra



Summer Term 1 2018

Science – Water Cycle and Weather

- Discover how the water cycle works.
- Investigate how water changes states.
- Investigate molecule states and bonds.

Geography - Mountains

- Using Atlases to find and reference different mountain constructions.
- Consider the position and formation of fold, dome, plateau and volcanic mountains.
- Consider the compass points and how to use them.
- Consider how the differences in the weather are created by environmental factors.
- Investigate how the climate and environment have an impact on animal species living on

RE – Christianity and The Adi Tribe who live in the foothills of the Himalayas.

- Exploring festivals associated with the Adi Tribe.
- Linking these to the Christian calendar of festivals.

Computing – Animation and Photography.

- Linked to literacy the children will produce an animation showing a mountain expedition.
- The children will use iPad and Laptops for research.
- Use digital photography to record and write labels for the construction of their 3D mountains and in their investigations into the water cycle.
- Algorithms linked to science and geography.

English: We will be developing our ability to be effective in our assessment and editing of written work incorporating spelling rules, grammatical organisation and structure.

- We will be using role play and expereicnes from our engage day to gather ideas for writing.
- We will be exploring newspaper reports and creating our own.
- We will be considering explanation texts and developing our ability to be effective in writing in this genre in both science and geography.
- We will consider story narratives and develop the skills needed to write fluently in the role of a mythical beast.
- Our Class book will be:

The mountain adverture by Enid Blyton.

French - language thinking about:

- Sports
- Weather linked to our Cornerstones topic.