

Curriculum Overview Year 5 Spring 2018

English

As readers we will continue to develop our comprehension skills and also have lots of opportunities to enjoy reading individually, in small groups and as a whole class.

As writers we will be writing non-chronological reports about Mountains types and then the research of one particular mountain. We will begin by writing poetry based on personifying a Mountain. We will write discussion texts about the effects of tourism on the mountain environment, which will allow us to also develop leaflets based on a Mountain resort. We will also attempt interviewing and newspaper report writing about an Avalanche! After half-term we will attempt to write in diary style and a story based on a mountain adventure

Our focus on improving the children's knowledge and understanding of grammar, and punctuation skills continues to make large steps forward in line with the Government's requirements

Art & Design

We will look at the Art of Maps! We will focus on Contour lines, creating our own designs and further creating wool contour images. Using our contour designs, we will create printed patterns. People in action, moving and playing winter and mountain sports will be drawn.

R.E.

In RE the children will begin to look at the learning and teachings around the subject of 'Hope' for our Sermons Sunday theme. We will focus on Women in the Old Testament and learn about a Non-Christian Faith link. For our run up to Easter, we will explore who Jesus was, his different roles and look at the significance of Palm Sunday within the Easter story.

Mathematics

The children will access a daily lesson including number work, shape, statistics, algebra and measures. Activities will include games, investigations and exercises. The children will use the four functions of addition, subtraction, multiplication and division and will learn how to apply them to worded 'everyday life' problems, choosing the appropriate maths in each situation.

Year 5 will continue to follow our maths programme of study, alongside practice on the new Arithmetic skills required for the End of Key Stage 2 Assessments and continual rehearsal of times tables to support their learning in all aspects of maths. Our aim is to encourage mastery across the subject.

Every week will culminate in the children partaking in 'Challenge Friday', where a more practical and sometimes kinaesthetic approach to learning maths will be applied. Children will be given a variety of problems to solve from a range of maths areas and songs games and appropriate IT software will often be incorporated in this style of learning.

Design & Technology

We will attempt to design and construct 3D Mountain contour models. We will use Modroc as a medium to explore in sculpting. As well, we will look at using maps to make jewellery. We will also use this time cook, making Rocky Road!

Geography/History

The Geography of Mountains, the types of mountains and the effects of the mountain environment on communities will be explored. We will look at the weather systems around these environments and the effects of avalanches. We will use a book 'Freaky Peaks' from the 'Horrible Geography' range to support our learning

Science

We will be studying 'Forces' followed by 'Changes to Materials'

The 'Forces' unit will teach your class about balanced and unbalanced forces, gravity, friction and the use of mechanisms such as levers, gears and pulleys. The children will identify forces and complete force diagrams. They will find out about Isaac Newton and his discoveries about gravity, completing a comprehension about his life and his work. The children will look for patterns and links between the mass and weight of objects, using newton metres to measure the force of gravity.

This 'Properties and Changes of Materials' unit will teach your class about different materials, their uses and their properties, as well as dissolving, separating mixtures and irreversible changes. The children will sort and classify objects according to their properties. They will explore the properties of materials to find the most suitable material for different purposes. The children will work scientifically and collaboratively to investigate the best thermal insulator to make a lunch box, making predictions and forming conclusions. Furthermore, they will have chance to find the best electrical conductor, in the context of making floodlights brighter. They will have the opportunity to work in a hands-on way to explore dissolving, identifying the different variables in their own investigations.

Modern Languages

We will be studying French this term and firstly we will look at a Unit all about 'Time' where we will revise numbers, days of the week, months of the year and the greetings related to celebrating our birthdays. After we will focus on the subject of 'All Around Town'

Music

This term part our music will link to our French, where we will be learning some French Greetings songs. We have a music project about 'Volcanoes and Earthquakes' and 'Windermere-an inspirational place' to support our Geography and Mountains topic. Also, we will be rehearsing for our Lent Service performance.

ICT

Skills this term include 'Databases', 'Spreadsheets' and 'e-mail'.

PE

Gymnastics, delivered by a specialist coach on Tuesday and Dodgeball on Friday, followed by cross country and circuit training after half term.

