

**Geography – Mountains** - This enquiry introduces pupils to the physical and human importance of a biome that covers one-fifth of the world's land surface. The study of mountains enables pupils to comprehend key concepts of physical geography such as plate tectonics and the formation of different rock types, as well as erosion and geological deep time.

**Maths** This term students study geometry, exploring the mathematics of orientation and shape. They will describe positions on the full coordinate grid (all four quadrants) and draw and translate simple shapes on the coordinate plane and reflect them in the axes. Pupils will then have the opportunity to revisit mathematics units from the year 5 through investigative projects, to further embed and revise the curriculum, including four operations, fractions and ratios; accessing increasingly complex number knowledge and problem-solving skills.

**HE** - Our focus this half term is 'Changing me'.

**Science** - Throughout summer term, pupils will learn to describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird. They will be able to describe the life process of reproduction in some plants and animals. Pupils go onto classify living things, including micro-organisms, plants and animals, into broad groups, according to common observable characteristics and based on similarities and differences.

**Computing –Programming – Selection in Quizzes.** In this unit, pupils develop their knowledge of selection by revisiting how conditions can be used in programs and then learning how the If... then... else... structure can be used to select different outcomes, depending on whether a condition is true or false.

**Art –Cooking and nutrition:** What could be healthier?

**Homework Project** – Pupils are asked to investigate winter sports and how in Scotland are visited by tourists each year who want to participate in a range of activities, such as skiing and snowboarding. Pupils will produce a small guide called: Where to ski in Scotland, including a map of the ski centres, mountain ranges, ideas of where to stay, the best slopes to visit and information about weather, climate and snow fall. This will extend their understanding of the variety of ways in which mountains are so important, despite the fact that they are the permanent home of only a tiny proportion of the world's population. Deadline: 8<sup>th</sup> of July

**Music** – Composing and performing – A leavers song

**Spanish** Days of the week, weather & where I live!!

**PE – Athletics** - The skills that the students will learn and develop through this PE topic at this Key Stage are:

- Use running, jumping, throwing and catching in isolation and in combination.
- Play competitive games
- Develop flexibility, strength, technique, control, and
- Compare their performances with previous ones and demonstrate improvement

**PE kit days:** Tuesday and Friday

**RE** For Christians, what kind of king was Jesus? Pupils relate Christian 'kingdom of God' model to issues in the world today.

**Outdoor Learning** - In Science, pupils conduct a research enquiry. How many species live in a meter square? Let's make our own classification keys!

**English**- Pupils utilize presentational devices to structure and guide the reader in their own manual inspired by Horne and Szirtes non-fiction book, '101 things to do to Become a Superhero... or evil genius. This unit will be followed by the inspiring model text, The Chronicles of Harris Burdick by Chris Van Allsburg, in which students will incorporate modal verbs to indicate degrees of possibility, dialogue to convey character and enhance action, and Year 6 punctuation, such as colons, semi-colons, hyphens and dashes.

**Spiders Planning Map – Summer Term 1**