

Science: This term's topic is 'Evolution'. The children will learn that reproduction is a key characteristic of living things and that adaptation may lead to evolution. The children will know that fossils provide evidence about living things that inhabited the Earth millions of years ago.

Geography: Within our topic work, children will identify and describe how the physical features affect the human activity within a location. They will describe how locations around the world are changing and explain some of the reasons for change. We will investigate the differences between the poles, and learn about Ernest Shackleton's journey and how to survive in extreme conditions.

Year 6 – Perishing Poles

Games /PE: Indoor sessions will be fitness based activities, balancing with control and working towards achieving a personal best. Children will learn to co-ordinate their bodies to perform a combination of movements in a variety of exercises. Outdoor sessions will be football, controlling the ball using either foot when moving, passing and dribbling the ball using inside and outside. Children will learn good body position and to defend and press in a 2v2 game.

DT: As part of our topic, we will be learning about what polar explorers needed to eat to have a nutritious diet. Children will understand the importance of correct storage and handling ingredients whilst making 'sledging biscuits'. Children will then go on to create their own recipes, including ingredients, methods, cooking times and temperatures.

Computing: Using our computing scheme, Purple Mash, the children will be completing the unit 'Blogging'. This unit of work uses the Purple Mash tool 2Blog and is designed to help children learn the basic principles of creating and maintaining a blog in a controlled and safe environment. At the end of the unit, children will have an understanding of how to plan, create and present their own blog.

French: The unit of work for this term will focus on looking at our families and the art of storytelling.

Mathematics: (Year 5) At the start of this term, we will be working on multiplication initially by a single digit (for example 8×256) and then move on to long multiplication using a double digit multiplicand (e.g. 16×128). As their skills and fluency progress, the children will move on to larger numbers. We will then move on to division using the 'bus stop' method using single digit divisors and then moving onto divisions that include remainders. We will then revisit fractions, looking at multiplication of fractions, fractions of quantities and equating fractions to percentages. In Year 6 this term, we will be starting by looking at decimals and will then move on to looking at the relationships between fractions, decimals and percentages. During our Maths lessons, we will be recapping arithmetic skills such as short and long division and multiplication. In Week 3 we will be doing mock SATs which will inform some of our teaching focus for the following term.

English: We will begin the term with reading 'Shackleton's Journey', which will inspire us to describe settings and atmosphere in our own flash backs. In these, we will develop our use of dialogue by using it to convey character and advance action. Later in this unit, we will consolidate using semi-colons and colons, and will learn how to do so using dashes. We will also learn to use the perfect form of verbs. The children will be writing discursive texts presenting a balanced viewpoint taking into account both sides of an argument. The children will be encouraged not to lean towards one viewpoint or another but rather to write an impartial piece using third person to ensure an impersonal tone is maintained. They will practice using adverbs to indicate degrees of possibility (for example, perhaps, surely) as well as modal verbs [for example, might, should, will, must). They will continue to develop their understanding and use of colons to introduce lists, will use logical conjunctions to link their arguments and will use abstract nouns to convey feelings or beliefs.

PSHE – Dreams and goals: There will be a focus on learning strengths, as well as hearing what others in class admire about us, and setting challenging but realistic goals. We will work out the steps needed to reach a goal and understand how to motivate ourselves to work on these. This will lead to us working with others to help make the world a better place.

Art: At the end of our print making unit, the children will have learnt a new printing process: block printing, where part of the block is removed to create layers of colour and each colour is printed on top of the last.

Worship Theme: Joy

RE: Understanding Christianity – Creation. We will outline the importance of Creation on the timeline of the 'big story' of the Bible. We will ask the question: Creation and Science – Conflicting or complementary?

Music: Focusing on the social question "How does music improve our world", the children will learn composing, playing and improvising using simple instrumentation. They will practice using chords and melody to create music that is harmonically interesting.