

Focused **Maths** teaching this half term, will help children understand the concepts of converting units, ratio, algebra and decimals. Alongside this new learning, we will be revising our skills and knowledge of addition, subtraction, multiplication and division. It is vital that children have a quick and accurate recall of their times table to succeed in the Year 6 curriculum.

**Geography** will be the main focus for this half-term, discovering where in the world our Frozen Kingdoms are. We begin by learning key geographical terms: biomes, natural resources, water scarcity and globalisation. We will also focus on habitat loss due to global warming and the hardships this will bring to polar animals. Antarctica's lack of natural resources and hence lack of human inhabitants will be contrasted with heavily populated countries rich in natural resources.

During this half term's **RE** unit, we will learn about the concept of *The Kingdom of God*. The children will begin by researching famous people who have made a positive impact on the world. We will think about what Christians believe God's Kingdom should be like and what we would change about our current world if we were able to. Finally, we explore the work of the Prison Fellowship to see how the Christian faith has changed the lives of prisoners.



In **English**, we continue to use The Write Stuff approach to expose the children to language features used in a non-chronological report. This will be based on the impressive emperor penguins and how they have adapted to survive the harsh conditions of Antarctica. The children will then use everything they have learned to independently write their own non-chronological report about polar bears and how they have adapted to survive and thrive in the Arctic.

Our next English unit will focus on the amazing feat of endurance demonstrated by Ernest Shackleton. We will begin with a persuasive advert to recruit his crew of polar explorers, where the use of rhetorical questions and superlatives are key. With incredible video footage taken during his trip, the children will then witness and recount Shackleton's epic journey in the form of diary entries. With good experience of diary writing, the children will have the opportunity to demonstrate a range of language skills in their final independent diary entry: precise and technical vocabulary; beginning sentences in a variety of ways to allow their writing to flow; using cohesive devices, which will link their ideas between paragraphs; and editing their work independently for punctuation and spelling errors.

In **PE**, the children will be developing their netball skills of accurate passing, defending, attacking and scoring goals. With our core PE lessons, we will focus on ball skills and combining them with balance in order to create performances.

In **Science**, we will identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. We will also recognise the impact of diet, exercise, drugs and lifestyle on the way the body functions. The ways in which nutrients and water are transported within humans and animals will be described.

In **French**, the children will learn how to ask what the time is and be able to tell the time accurately. Once this is secure, they will prepare a spoken and written account about what they do at different times during the weekend.

Our **Computing** will use the programming language 'Python', where children will create designs, Islamic art and Mondrian-inspired art. They learn how to create loops and nested loops to make their code more efficient.

In **Design Technology**, children will explore playground equipment structures and design an adapted piece of playground equipment which young penguins would find fun to play safely on.