

## Frozen Kingdoms

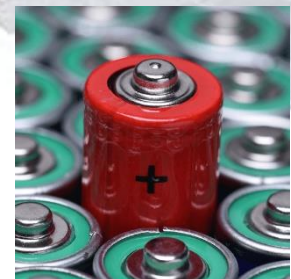
For term 3 and 4 we will be studying the Frozen Kingdoms project, your child will learn about the regions of the Arctic and Antarctic. They will learn about the similarities and differences between these two regions, including the climate, landscape and natural resources. They will learn how to use grid references, lines of latitude and longitude, contour lines and symbols to identify the geographical locations of the Arctic and Antarctic, and how these, along with the tilt of the Earth, affect day length and warmth. They will investigate polar oceans to learn how they differ from other oceans on Earth and how climate change increases Earth's temperature and leads to rising sea levels. They will learn about the indigenous people of the Arctic, including how their lives have changed over time, and about the positives and negatives of tourism in Antarctica. They will also learn about classifying animals, animal adaptations and evolution, and polar exploration and discovery.



During **English** lessons we will be reading a class novel, 'The Last Bear'. The novel is written by the inspirational bestseller Hannah Gold. It's a heart-warming story about a girl and her friendship with a polar bear, stranded by the melting ice caps on Bear Island, unable to return to his home and kind on Svalbard. It's a story of loss and love, of care for the environment, of courage and adventure. We will be competing comprehension activities including grammar, punctuation and spelling. Each week we will have ten words that the children will be focussing on which share the same sound and spelling pattern. We will be writing for a range of purposes including descriptive settings, story writing, diary entries and moving onto chronological reports and biographies for famous explorers linking to our topic learning.

In **Maths** we will continue to practice our Times tables weekly along with our Monday superhero tests. We will learn methods for multiplication and division, including factors, multiples and prime numbers. Later in the term we will be working with perimeter and area learning how to solve problems with reasoning and using our mathematical skills.

Our **science** topic is the Electrical Circuits and Components project, your child will consolidate their understanding of the components that make up a circuit, such as a lamp, cell, wire and switch. They will make a range of circuits and use symbols to draw circuit diagrams. Your child will learn about electric currents and measure the voltage of different cells. They will discover how cells produce electricity and research questions about cells and batteries. Your child will also learn how the voltage across a circuit affects the performance of different components. They will explore how programmable devices are used in everyday life and create a program to switch a light on and off via a light sensor. They will use the knowledge gained throughout the project to design, make and evaluate a programmable home device.



Our **R.E.** question this term is ‘How can following God bring freedom and justice?’ We will explain connections between the story of Moses and the concepts of freedom and salvation, using theological terms. Making clear connections between Bible texts studied and what Christians believe about being the People of God and how they should behave. Explain ways in which some Christians put their beliefs into practice by trying to bring freedom to others. Identify ideas about freedom and justice arising from their study of Bible texts and comment on how far these are helpful or inspiring, justifying their responses.

In **Art** lessons we will be studying Inuit art. Significant Inuit artists include Jessie Oonark, Karoo Ashevak, David Ruben Piqtoukun, Lucy Tasseor Tutsweetak and Pitseolak Ashoona. Arctic animals are an important subject matter for Inuit artists. The individual appearance of the creatures in Inuit art demonstrates the respect and significance that the Inuit people give to all living things. We will be looking at images, materials, text and pictures that can show ideas or concepts.



This term **P.E.** will take place on a Monday afternoon and Wednesday morning. All children need to have a P.E. kit in school including plimsolls or trainers for outside sessions. No earrings are allowed to be worn during P.E. lessons therefore the children need to be able to take them out themselves, or have them taken out in the mornings before school. The children will continue to come into school in their PE kits on Wednesdays.

**Homework** will be given on a Friday and collected in on a Thursday the following week. Every week there is a maths task to be completed which may be online using MyMaths. If your child doesn't have access to a computer at home we can find them time in school for them to catch up without missing out. If you find your child is forgetting to bring homework home, or you have any other concerns, please send a note in their reading record book or come in to see us at the end of school.

Lastly a word about **reading!** Please encourage your child to read each evening, books that they enjoy. It is so important in this age of technology that we invest in their future to become lifelong readers. Children are rewarded if they bring back their Reading Record book back with a smiley face which will win them prizes when they gain 10, 20, 30 etc.

**Thank you for your support.**  
**Mrs Deacon & Miss Dobson**