



Literacy

We will be starting a wonderful and adventurous novel, *The Lion, The Witch and the Wardrobe* (my personal favourite!). We will be looking closely at characterisation, by learning to infer a character's thoughts, emotions and intentions through their actions and speech. We will be learning to empathise with characters, writing diary entries in role of characters. We will also learn to write effective dialogue between characters.

Maths

We will be learning to identify and use factors and multiples; use the vocabulary of prime numbers, learning all the prime numbers up to 19, and multiply and divide numbers by 10,100 and 1000. We will also learn to use the long multiplication formal method to multiply by 2-digit numbers and the formal method of division by 1-digit numbers. We will also learn to solve problems using all four operations.

Geography

We will use a variety of maps, atlases, globes and digital/computer mapping to locate countries and describe features studied i.e. climate change, sea level rises, etc and impact on society and nature.

History

We will learn about Sir Ernest Henry Shackleton (15 February 1874 – 5 January 1922), a polar explorer. We will read 'Shackleton's journey' which recounts the adventures of the notorious polar explorer



MFL:

Arabic (Natives)

Places around us. Directions. Writing: Product advertisement. Present and past tenses. Kinds of sentences: Interrogation.

Negation.

Arabic (MFL)

Speaking skills - Target language - Places around us in school - labelling places around school - write good structural sentences, using different verbs (I write/ eat/ play/ work....)

French/ Spanish

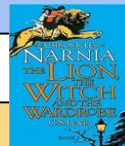
Directions, adjectives, asking for and giving directions, Christmas theme.

Science

We will look at animal adaptation in polar regions, as well as learning about food chains and food webs. We will also learn how some materials will dissolve in liquid to form a solution, and we will describe how to recover a substance from a solution.

Computing

We are the Game Creators. We will be reviewing games, and then using programming skills to design and create our own games



PSHE

We will continue to learn about families and relationships, aiming to develop an understanding of families; learning that dealing with issues can strengthen a friendship; exploring the impact of bullying and what influences a bully's behaviour; learning to appreciate our individual positive attributes. This will link to our class novel and complexity of relationships

Music

During this unit, students will develop a deepening understanding of music that they perform, listen to and its history. Students will explore melodic shape and pitch while developing an understanding of the voice, how it works and vocal register.

PE

Swimming - Ability level appropriate stroke development across all four major swimming strokes, building both technique and endurance. This will include considerations of breathing, catch, and body position. A developed understanding of terms such as streamlining, and aerobic capacity.

Drama

We will explore effective communication and how to generate ideas from a given stimulus.

Art/Design Technology

We will be exploring the Inuit art. Inuits are the people of the Arctic. Inuit means 'The People', in their language. We will learn to improve our mastery of art and design techniques, including drawing and printing to create images and symbols related to inuit culture.

Year 5 Topic: Frozen Kingdoms

The Big Picture

This half term we will be starting a wonderful new topic called 'Frozen Kingdoms'. By studying this topic, the children will have the opportunity to explore the polar regions by examining climate, population, settlements, animal life, plant life and seasonal change. They will also learn about explorers who have ventured to the polar regions.. They will have the opportunity to carry out great experiments on changes in materials as well as study various art work related to the topic.

Our exciting entry point was making sugar crystals: A crystal is an example of an ionic bond between molecules. An ionic bond is an inflexible bonding of molecules that forms on a repeating pattern. This was an introduction to materials and their properties.

How you can help?

- ❖ To enhance children's learning of our wonderful novel, the children may be asked to read some chapters at home. The chapter will be available on Google Classroom. Please do enjoy reading this wonderful novel with your children and ask questions to deepen their understanding of main characters and how the characters develop throughout the novel. Have deep discussions about themes such as good and evil, friendship, betrayal and forgiveness.
- ❖ Please continue to read regularly with your child at home and sign their planners.
- ❖ Children will be tested on their spelling and times table every week. Please practise these with your children regularly. they should be able to instantly recall their times tables up to 12 x 12, including the recall of divisions facts.
- ❖ We have developed a great home learning menu to complement our topic. Partner with your children in choosing a fun and engaging activity!



Trips, Events, Dates

On the 18th November, we will venture to Ski Egypt for a fabulous day of experiencing life on ice, and of course meet some penguins! You will shortly receive the letter outlining the details.



- ❖ Use a range of snowy images to create a polar collage. Remember to use lots of interesting textures, shapes, colours and patterns.
- ❖ Make a model of your favourite Arctic or Antarctic animal using clay, dough or recycled materials.
- ❖ Design a pair of snow boots for an Arctic explorer. What materials would you use? What features could they have? Let your imagination run wild!
- ❖ Carry out one these cool science experiments:
<https://www.youtube.com/watch?v=4lmlk69QVQQ>
- ❖ Construct food chains for a chosen animal or plant from a frozen land, to show how species are interdependent on each other as food sources.
- ❖ Create a maths game to practise multiplication tables.
- ❖ Create a poster to help children understand how to recognise multiples of numbers.

- ❖ Create your own Arctic and Antarctic word search puzzles using all the new words you have learned during the project. Challenge someone to solve it!
- ❖ Imagine that Earth has entered another Ice Age. Write a diary-style piece describing the changes and how the human race has adapted to cope.
- ❖ Read a biography of a famous Polar explorer and create a short presentation.
- ❖ Create a poster or brochure for a new travel company which arranges visits to the Arctic or Antarctic. Use powerful images and text to tempt customers who want an extra-special trip!
- ❖ Design an advert for an Frozen Kingdom themed school canteen
- ❖ Find out about the life of children who were evacuated during World War 2.

- ❖ Create a factual poster about wildlife in the polar region.
- ❖ Find out about the similarities and differences between the Arctic and Antarctic. Use a double bubble chart to record your information.
- ❖ If you had the choice would you choose to travel to the Arctic or Antarctica? Carry out a detailed research and create a persuasive argument.
- ❖ How does global warming affect the Arctic and Antarctic? Create a detailed presentation. You may also watch informative videos about climate change.
- ❖ Watch Sir David Attenborough's episode on Frozen Worlds. Create an information poster highlighting problems created by climate change.
<https://www.youtube.com/watch?v=cTQ3Ko9ZKg8>

- ❖ Research about traditional Inuit foods and create a menu
- ❖ Is it ever right to use animals for work? Look at a range of images of working animals from both past and present. Create a 'for or against' argument.
- ❖ You are being evacuated (alone) to the country side. You can only take a suitcase with you. What items will you take with you?
- ❖ Find out about the daily life of Inuit living in the Arctic region.
- ❖ What sports do Inuit play? Find out about some unique sports or games.
- ❖ Imagine that you have 1000LE to plan for a Frozen Kingdoms theme party for your class. This can include games and food. What do you need and what is the cost of your party? Choose wisely!

