

Year 6 Topic Web – Spring 1 – 2021 - Frozen Kingdom

	What we will be covering in class	Supporting your child's learning at home.
E n g a g e	<p>The children will begin the topic by making a giant iceberg. They will look at a range of weird and wonderful images of icebergs and compose their own research questions, later researching the answers to these. RMS Titanic will be looked at by using first-hand and factual accounts and film footage. In geography, they will be using atlases to look at the polar regions and their position in the world alongside the continents and oceans.</p>	
D e v e l o p	<p>The children will research a favourite polar animal to find out about how it has adapted to its habitat. They will then consider what its character might be like to write a narrative with their animal as the central character. From this, they will story map, develop their ideas write a story showing excellent descriptions of a polar setting.</p> <p>Children will make a simple block print, based on the artwork of the Inuit people. Children will find out about the biodiversity of the Arctic and Antarctic Ocean and use this knowledge to create food chains around polar animals to show how different species are dependent on each other as food sources. Finally, we will consider if it is ever right to use animals for work.</p> <p>Children will look at images and excerpts of film showing the Northern Lights. They will then build up a word bank to describe it. Children will discuss the literacy form of haiku poetry and will write their own haiku poem about the Northern Lights. Continuing with haiku poetry, they will later choose their own polar topic to create a haiku about. For Art and Design, watercolour paints will be used to create paintings of the Northern Lights.</p> <p>In Maths, positive and negative numbers will be explored, in the context of temperature.</p>	<p>Show an interest in your child's learning by asking questions about what they have learnt and add your own interesting knowledge where possible.</p> <p>Continue to support your child's mental skills by helping them to practise their times tables and number facts. Ask them times tables questions throughout the day (like at the dinner table) or pin up the times tables of the week on their bedroom wall/door. Repetition is key.</p>
I n n o v a t e	<p>Children will be put into a scenario where a holiday cruiser has hit an iceberg and it is their job, as coastguards, to formulate a rescue. During this scenario children will: use atlases to locate the last known position of the ship; calculate the distance in miles and kilometres from one location to another; make a list of supplies suitable for a rescue mission; find out about the effects of extreme cold on the human body; learn how to source fresh food and clean water; create a detailed plan of action; check weather forecasts; find out about the effects of pollution in the ocean; follow navigational instructions during orienteering.</p>	<p>Encourage your child to log on regularly to 'MyMaths' and 'Times Table Rock Stars'</p>

E x p r e s s	<p>Children will then put themselves in the passengers' shoes and begin to draft a letter of complaint about the holiday. They will then refine and edit their letter by looking at essential features of a formal letter of complaint. Children will then have the chance to write a funny letter of complaint, from a polar animal. The film 'Arctic Tale' will be watched and children will consider whether the film has an environmental message.</p>	
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M a t h s	<p>Children will continue to explore time - converting between different units, solving problems and understanding timetables. They will also revise their understanding of negative numbers and learn the BODMAS rule to work out the order to carry out calculations. In addition, they will explore number sequences and use algebra to create a formula. Children will also revisit 2D shapes and use a protractor to measure and draw angles. They will continue with weekly arithmetic tests, times table practice and My Maths.</p>	
E n g l i s h	<p>Children will compose their own research questions, then look to answer them using a range of non-fiction texts. The children will read a range of factual accounts of the sinking of RMS Titanic and plot a timeline of events. Children will write an explanation text, identifying how the disaster occurred and why so many lives were lost. Children will choose a favourite animal from one of the polar regions and consider what its character might be like. From this, they will story map, develop their story and create a polished piece.</p> <p>Children will look at images and excerpts of film showing the Northern Lights. They will then build up a word bank to describe it. They will discuss the literacy form of haiku poetry and will write their own haiku poem about the Northern Lights. Continuing with haiku poetry, they will later choose their own polar topic to create a haiku about it.</p> <p>Children will then put themselves in the passengers' shoes and begin to draft a letter of complaint about the holiday. They will then refine and edit their letter by looking at essential features of a formal letter of complaint.</p>	
S c i e n c e	<p>The children will find out about the biodiversity of the Arctic and Antarctic Ocean and will research their favourite polar animal to find out about how it has adapted to its habitat. A food chain will be constructed on a chosen animal, to show how species are dependent on each other as food sources.</p>	
A r & D e s	<p>Children will make a simple block print, based on the artwork of the Inuit people. Watercolours will be used to create paintings of the Northern Lights.</p>	PE
		<p>This half term, children will take part in ball games with a focus on cricket skills.</p>

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Coding	In 'Crossy Roads', children will learn about coding and decomposing, eventually using visual coding within 'Hopscotch' to create their own version of the popular app: Crossy Roads.	PSHE	Alongside our regular sessions about relationships, social awareness and personal safety, children will also consider if it is acceptable to use animals for work and discuss environmental issues in the polar regions.
Geography	Atlases will be used to explore the polar regions and their place in the world alongside the continents and oceans. The children will consider the similarities and differences between the Arctic and Antarctic.	History	Children will find out what conditions were like aboard the 'unsinkable' Titanic.