



## Curriculum Newsletter for Year 6

Half Term 2 2020

<p><b>Maths</b></p> <p><b>Four Operations</b></p> <p>Common factors</p> <p>Common multiples</p> <p>Recognising prime numbers up to 100</p> <p>Squares and cubes</p> <p>Order of operations</p> <p>Brackets</p> <p>Mental calculations</p> <p><b>Fractions</b></p> <p>Simplifying and ordering fractions</p> <p>Adding and subtracting fractions</p> <p>Problem solving through addition and subtraction of fractions</p> <p><b>Geometry</b></p> <p>Plotting co-ordinates in the first quadrant</p> <p>Plotting – translation and reflection</p> <p>Reasoning about shapes with co-ordinates</p> <p>Daily Fluency of the four operations</p> <p>X tables challenge</p>	  <p><b>English</b></p> <p><b>Shackleton's Journey</b></p> <p>Writing a newspaper report</p> <p><b>The Un-Forgotten Coat</b></p> <p><b>Boy 87</b></p> <p><b>Our books link to our RE topic on Justice</b></p> <p>Use the features of explanation texts to describe a short scientific process</p> <p>Write a short information text about Mongolia</p> <p>Write a diary entry as one of the characters in the book</p> <p>Plan and write a narrative based upon events from The Un-Forgotten Coat/narrative based on events from Boy 87</p> <p><b>The Wolf Wilder</b></p> <p>Write a short speech for Grey</p> <p>Write a poem based on Ilya's dance</p> <p>Collaborative writing - class poem based on an image from the book</p> <p>Class debate – what does courage look like? Being afraid is the same as being a coward isn't it? Links to RE and the book.</p> <p>SPAG taught weekly and as part each daily lesson – our SPaG links to our writing tasks.</p> <p>Handwriting taught daily and discreetly.</p> <p>Key reading objectives covered through whole class and guided reading.</p> <p>Higher order reading skills taught through comprehension.</p>
<p><b>Our topic for this term is:</b></p> <p><b>Justice</b></p> <p><b>This topic is closely linked with our reading and writing this half term</b></p> <p>The children will learn what justice is and that we are all called to work for justice. They will read parables and make links between what they have read and justice.</p> <p>The children will learn about people, in the past and present, who have been persecuted for speaking out about injustice and reflect upon why people supported Martin Luther King, Oscar Romero and others.</p> <p>We will discuss how our belief in justice and fairness shapes our lives and find out about the work of organisations such as CAFOD and how it responds to poverty and the plight of refugees across the world.</p> <p><b>Advent</b></p> <p><b>We prepare to celebrate the birth of Jesus</b></p> <p>We will be discussing and comparing some behaviour in Advent and Christmas time with how decisions about Advent and Christmas time are informed by beliefs about Jesus and his reason for being born.</p>	 <p><b>PE – In PE this term we will be learning about:</b></p> <p><b>Bench ball</b></p> <p><b>Outdoor and adventurous – orienteering – links to geography</b></p> <p>Please ensure children wear their PE kit to school on their PE day which is Wednesday and Friday. As the weather gets colder, the children will need to be equipped in a suitable outdoor PE kit – tracksuits and trainers.</p> <p>All jewellery must be removed (earrings covered where appropriate) and long hair tied back.</p>

**Curriculum- Our topics for this half-term will be:****Geography Frozen Kingdoms**

Describe the climatic similarities and differences between two regions.

Use grid references, lines of latitude and longitude, contour lines and symbols in maps and on globes to understand and record the geography of an area.

Describe how are polar oceans different to other oceans on Earth.

Compare and describe the climatic similarities and differences including physical and human features between two polar regions.

Find out about the different communities living in the Arctic regions

Evaluate how climate and landscape affect the lives of people in the Arctic and how the people in these communities have successfully adapted to the conditions.

Research the natural resources found in the Arctic – why is the fishing industry so important to the people who live there?

**Computing**

Links to music – plan, compose, record, edit and play a piece of music/soundtrack to accompany a short film showing the Aurora Borealis. The music has to be edited to fit the mood of the film clip.

**Art**

Compare botanical illustrators of Edwardian times with contemporary illustrators today – Kate Kyehyun Park

**Inuit Art**

Research the traditions and the methods of Inuit artwork and learn about the work of significant Inuit artists, such as Jessie Oonark, Karoo Ashevak, David Ruben Piqtoukun, Lucy Tasseor Tutsweetak and Pitseolak Ashoona.

Plan, design and make a sculpture based on Inuit Soapstone animal sculptures

Learn about The Enchanted Owl and its significance to the Inuit community. Plan, design and make their own Inuit inspired print trying to match traditional characteristics.

Use digital technology to reduce the print to the size of a postage stamp, evaluating how well the designs work on a smaller scale.

Research Aurora Borealis and Aurora Australis. Create an Aurora landscape using a range of techniques using either chalk or oil pastels.

**Design & Technology**

Design, make and evaluate a loaf of bread. Learn about the bread making process.

**Music**

History of Music: 20<sup>th</sup> Century 1901 – 2000. Benjamin Britten

Compose and record a short piece of music to accompany a film about the Aurora Borealis – edit to fit the music to the film. The music should reflect the theme of the f

**Science****Classification**

Investigate the best conditions for mould to grow.

Investigate the effects of different conditions on yeast fermentation

**Investigating icebergs**

Investigate and observe ice – how it sits in water and changes over time. Links to Frozen Kingdoms

**Electricity**

Construct simple circuits using bulbs, motors, buzzers and switches.

Carry out an investigation to answer the question: Can a lemon or a potato light up a bulb?

**French – La Jolie Rond**

Practise using phrases: Donne-moi; A toi; A moi; S'il te plait.

**Homework**

All homework will be given each Friday and is due back the following Friday unless it is a research task when the due date will be given and written in planners.



All information about homework will be written in planners.

New spelling words will be given out each Monday and will be tested in the form of a sentence dictation the following Monday.

**To help your child at home, you could:**

- Support with their homework.
- Practice times tables, fraction, percentage and decimal equivalent facts.

