

Endurance

UPKS2 Autumn Term 2

Topic Overview

This half term the Waterbird classes will be considering how humans adapt to different environments. In Science, we will be looking at the properties of material and considering how these influence the ways materials are used in the world around us. In Geography, will be looking at the vast continent of North America. We will be learning about its varied landscape and how this influences the people who live there. In English, we will continue to develop our reading comprehension skills looking at a range of non-fiction texts. We will develop our love of reading as we are introduced to the amazing text and illustrations found in Shackleton's Journey by William Grill. This book will broaden our understanding of the resilience needed to achieve personal goals and offer opportunities to broaden our already extensive vocabulary.

The children will continue to be taught maths according to the White Rose Scheme - focusing particularly on our understanding of fractions and statistics, as well as a range of mental arithmetic methods.

Subject Focus

Science, Geography
DT

Programmes of Study

English

We will cover the following genres of writing within our learning experiences this half-term:

- Biographies
- Diary entries - writing from the points of view of the explorers and their
- Non-chronological reports about North America
- An explanation - What is Global Warming?
- Persuasive writing - How can we help our planet?

Grammar focus:

- Conjunctions - Whereas, despite, instead of, on the other hand
- Use of parentheses - brackets, dashes and drop in clauses
- Inserting relative clauses

Sentence punctuation:

- Accurate use of full-stops and capital letters
- Recognising a phrase and a clause
- Varying the length and structure of sentences

Reading

- Whole class text; Shackleton's Journey by William Grill.
- Retrieval skills- retelling specific details about the text.
- Inference- using my knowledge of the text to make comments and predictions

Maths

- Using the four operations (addition, subtraction, multiplication and division) to solve problems
- Fractions - including equivalence between fractions, improper fractions and mixed numbers, decimals and percentages
- Statistics - reading data from tables, graphs and pie charts



Geography	<ul style="list-style-type: none">● Revisiting world maps and moving on to find out about: lines of longitude and latitudes, tropics of Capricorn and Cancer, features of political and physical maps.● Learning about North America; the countries, physical features and human features.● Focusing on the Inuit people, learning about their lifestyle and history in areas such as Alaska, Siberia and Canada.● Learning about the impact of climate change on our planet and particularly the Inuit people.
DT	<ul style="list-style-type: none">● We will be finding out about our family's hot drinks preferences.● Learning about how hot infused drinks are made (linking this to our knowledge of dissolving in Science.)● Designing our own product based on a design specification.● Evaluating our product.
Science	<ul style="list-style-type: none">● We will be learning about the properties of different materials - including the scientific vocabulary we use to describe them.● We will be learning how to identify insulators and conductors - both of heat and electricity.● We will be finding out about reversible and irreversible changes by mixing and separating materials.
Music	<ul style="list-style-type: none">● Our amazing IPad project continues with the MK Music Service as we learn to compose our own pieces of music using the software GarageBand.
PE	<p>We will be focusing on developing the accuracy of our skills and working as a team in:</p> <ul style="list-style-type: none">● Basketball● Invasion Games
Computing	<p>We will be considering how to stay safe online, studying satellite images as we look at Antarctica and using Clap-motion animation to develop our own accounts of the effect of climate change on our planet.</p>
PSHE	<p>We will be considering the British Values of Democracy, Rule of Law and Tolerance.</p>
Spirituality	<p>We will be considering the Christmas story and asking 'Do sacred texts have to be true to help people understand their religion?'</p>

<p>Curriculum Enrichment </p>	<p>Home Learning </p>
<p> CLAPMOTION</p> <p> GarageBand</p>	<p>Reading Weekly spellings Maths and English task</p>
<p>Reminders </p>	<p>What you can do at home?</p>
<p></p> <p>Don't forget to sign up for a Dojo account so you can see how your child is getting on in class.</p> <p>Please return letters via the office if your child is interested in Football Club this will be held 3.15 to 4.15pm every Thursday up until 12th December.</p> <p>PE Kits need to be in school Monday-Friday. Lessons will take place outside this half term. It is really important that all children have appropriate clothing and footwear i.e. t-shirt, shorts, jogging bottoms, jumper, trainers/plimsolls, even a hat - as the weather turns wet and wintery.</p> <p>Children with pierced ears should either remove their earrings or bring in micro-pore tape to cover their own earrings in PE lessons. Any other jewellery should be removed e.g watches and hair tied back. No other jewellery should be worn at school.</p> <p>Shoulder length / long hair should be tied back to reduce the level of distraction in class and lessen the spread of head lice.</p>	<p>All children in Y5 and Y6 should be reading at home at least 3 times per week. It is still really important to hear your child read from time to time, and regularly take an interest in their reading by discussing the plot and characters or factual detail.</p> <p>Planners need to be signed at home to ensure parents are aware of homework tasks, spellings and your child's reading habits.</p> <p>Times tables to 12 x 12 should be practised at home to guarantee instant recall. In addition to this children in Year 5 and 6 need to be confident recalling square numbers, cubed numbers, prime numbers, factors, multiples and fraction/decimal/percentage equivalents.</p>
<p>Diary Dates </p>	
<p>Tuesday 3rd and Wednesday 4th December - School nurses in</p> <p>Monday 11th November - Armistice Service</p> <p>Tuesday 10th December – Yr 5/6 Carol Service at St Mary's church at 1:30pm.</p>	<p>Wednesday 11th December – Christmas Dinner.</p> <p>Thursday 12th December – Administration of nasal spray flu vaccine.</p>