

Year 5 - Mrs Little and Mrs Cossar/Miss James

Curriculum Overview

First Half of the Spring Term- 2017-18

<u>Literacy</u>	<u>Numeracy</u>	<u>Topic</u>	<u>Science</u>
<p>Shackleton's Journey: Book study unit</p> <ul style="list-style-type: none"> Discussing a unique style of non-fiction text Exploring the chronological structure of the text Continuous diary entries of voyage Exploring characters Writing instructions for equipping the expedition News report on the expedition Feelings poem about images/being in the Artic Messages in a bottle home from stranded sailors <p>Poetic Style</p> <ul style="list-style-type: none"> Researching poets (<i>Michael Rosen, Spike Milligan and Benjamin Zephaniah</i>) Discussing and comparing style of poets Exploring free verse Writing and performing free verse 	<p>Number</p> <ul style="list-style-type: none"> Times tables facts and recall, as well as associated division facts Read, write and compare numbers up to 10 000 000 and determine the value of each digit Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes Multiply and divide whole numbers and those involving decimals by 10 and 100 Solve problems which require knowing percentage and decimals equivalents and fractions with a denominator of a multiple of 10 or 25 Add and subtract fractions Round decimals with 2 decimal places to the nearest whole number and one decimal place <p>Measure</p> <ul style="list-style-type: none"> Estimate volume and capacity Use all 4 operations to solve problems involving measures <p>Geometry</p> <ul style="list-style-type: none"> Describe positions on the full coordinates grid 	<p>The Spice Islands</p> <ul style="list-style-type: none"> Creating a World Map from memory Location of and route to the Spice Islands Why was pepper so important? Preparing for a voyage Jobs on board Provisions Food Disease Research on famous pirates 	<p>Forces</p> <ul style="list-style-type: none"> Balanced and unbalanced forces Isaac Newton and the discovery of gravity Understand how gravity causes unsupported objects to fall towards the Earth Identify the effects of air resistance and friction that act between moving surfaces Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.

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<p><u>Computing</u></p> <p>Coding (Espresso Coding)</p> <ul style="list-style-type: none"> • Random numbers and simulations • Write sequences of code to make objects change direction randomly • Write code where the actions of one object are dependent on an interaction with another • Create an app with random numbers, movements and actions dependent on other event 	<p><u>French</u></p> <ul style="list-style-type: none"> • Recap items and subjects at school • Clothing: identifying and describing • Describing my local town • Holidays and hobbies <p><u>PE</u></p> <p>Gymnastics</p> <ul style="list-style-type: none"> • To perform actions body shapes and balances accurately and consistently • To create sequences that meet set conditions • To be able to make symmetrical and asymmetrical shapes • To adapt sequence to new situation • To apply their own ideas and create new sequences • To make changes to speed, level and direction in their work and apply their own compositional ideas to the sequences they create 	<p><u>Religious Education</u></p> <p>The Journey of Life and Death</p> <ul style="list-style-type: none"> • Significant milestones in life • Understanding the importance of hope for the future • Consider human responses to and ways to deal with bereavement • Understand how the Christian community may support someone experiencing a bereavement • Reflect on their own views and responses to loss • Celebrating life and hope for the future 	<p><u>PSHE</u></p> <p>E-Safety</p> <ul style="list-style-type: none"> • Understanding how to stay safe whilst online (linked to Computing lessons) <p>Relationships</p> <ul style="list-style-type: none"> • Recognising a range of emotions and responding appropriately • How to deal positively with negative emotions • Understanding what we should and shouldn't keep secret • What a positive, healthy relationship looks like (including dealing with peer pressure and 'dares') • How our actions can affect others • Working together and respecting differences
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