

**Year 5 Curriculum News**

**Spring One 2021**

This term our topic will be focused on Frozen planet. The majority of the topic will be based around geography and science. Children will ignite the topic designing and building igloos and conducting observations over time involving ice. The children will also describe the differences in the life cycles of a mammal, a bird, an amphibian and an insect.

As geographers, children will learn to name, locate and find facts about specific countries. They will discuss key features and how land-use patterns have changed over time. They will increase their geographical vocabulary using the terms latitude, longitude, equator, hemisphere, Topics of Cancer and Capricorn and time zones

As artist’s, children will look into the background of the Inuit people and the work of Inuit artist Kenojuak Ashevak. They will then recreate their own version based around her work.

In DT, the children will look at the properties of igloos exploring different materials. They will have a go at designing and building their own igloos out of materials they have or deem suitable. They will then evaluate their efforts and suggest any ways to improve their structures.

In computing, children will be looking at representing data in different ways. They will use Excel spreadsheets, looking at variables to solve problems.

In music, we will explore the question: ‘Can weather be presented through music? Asking ‘does the music ‘sound’ icy and cold?’ We will do this by looking at Vivaldi’s Four Seasons.

In History the children will be looking into the life and accomplishments of Earnest Shackleton using time lines to detail this. We will be reading all about his adventures and will link this to our writing too.

**English**

**Maths**

**Home Learning!**

Spellings, reading and times tables should be done on a daily basis.

It would be helpful for children to discuss what they have learnt with you and they could create a diorama of a polar region

In maths children will learn how to read, write and convert time between analogue and digital 12 and 24-hour clocks. They will also then convert between different units of metric measure, understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints.

We will then move on to measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres leading on to calculating and comparing the area of rectangles (including squares).

We will estimate volume and capacity and solve problems involving converting between units of time.

In English we are going to start by completing a poetry unit based on the poem The Listeners by Walter De La Mare. We will analyse the poem in detail and then have a go at writing one of our own based on his style.

After that we are going to look in detail at persuasive writing. We will think about persuasive techniques and the features of persuasive writing. We will then look at the case of a famous Polar explorer and write a persuasive create some persuasive writing linked with his story.

Throughout this study we are going to think about different words classes and really focus on identifying verbs, nouns, adjectives, modal verbs, prepositions, pronouns and adverbs.

We will also continue developing our sentence structures, ensuring they are complex and correctly punctuated.

**Topic: Frozen Planet**