

**“Frozen Planet”**

**English**

**Home Learning!**

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

Homework will be set on Teams and MyMaths.

**Maths**

We will develop understanding of:

\* Counting, place value and rounding to solve problems in different contexts.

\*Roman Numerals up to 1000.

\*Addition and subtraction problems, appropriately choosing relevant number facts, place value, mental or written methods to find a correct solution.

\*Explaining and justifying decision making for above.

\*Explaining the relationship between fractions, decimals and percentages

\*The properties of prime, composite, square and cube numbers.

\*The relationship between multiplication, division, fractions and percentages.

\*Reflection and translation of shapes on a grid in the first quadrant.

We will use a range of texts to support our topic, such as “**-Race to the Frozen North’** The Matthew Henson Story and **‘Shackleton Journey’** by William Grill. Both fiction and non-fiction texts will continue to inspire writing.We will write persuasive texts about the impact of climate change using appropriate structural and language skills. We will also develop our understanding about diaries, journals and letter writing, whilst researching Polar explorers. Throughout this study, we will continue to focus on a range of grammar and punctuation skills such as the correct use of brackets, dashes, commas for parenthesis and commas to separate clauses.

This half term, our topic will be ‘Frozen Planet’. As Geographers, we will identify the climate zones around the world and the impact they have. We will also learn about how human actions have affected the polar regions and consider the consequences through an environmental topic. As Historians, we will find out about the great polar explorers. We will also undertake a local historical study, separate to ‘Frozen Planet’. We will be learning about art history in and around Milton Keynes.

As Scientists, our focus will be on the properties and changes of materials. We will develop our understanding of solids, liquids and gases through our learning about how to recover a substance from a solution, separating mixtures and irreversible changes. As artists, we will improve our pencil skills by drawing adaptations of animals. We will observe the works of Richard Shilling and Azuma Makota and create our own art using ice. In DT, we will design, make and evaluate a clay igloo using a range of skills. In computing, we will create media and learn how to edit videos. We will continue to learn about the importance of safety when using the computer, especially the sharing of information. In RE, we will develop our understanding about Islam by considering the key question; ‘Does the community of the Mosque, help Muslims lead better lives?’ We will consider how the Mosque is viewed and how it influences the life and beliefs of Muslims. As Musicians, we will use a range of musical skills to respond to and appraise music. We will focus our learning on the genre of ‘Blues’ music. Continuing from previous learning in French, we will learn to tell the time to quarter past and quarter to the hour and find out more about world cities. In PHSE, we will be focusing on how to manage feelings, considering the connection to families and relationships in particular.

Spring One

**Frozen Planet**