



St. Peter's C of E (V C) Primary School

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Year 5 Autumn Term

Dear Parent/Carer,

Welcome to the start of a new year.

Below I have outlined what will be studied in Year 5 this term. I have also included some other information you might find useful. If you have any questions please do not hesitate to pop in and ask me.

The theme for this half term is Snow and Ice. Much of the work covered and the subjects taught will link to this topic.

Our **Literacy** topic will focus on two books: 'Avoid joining Shackleton's Polar Expedition!' by Jen Green and 'Ice Trap! Shackleton's Incredible Expedition' by Meredith Hooper and M. P. Robertson. The children will have the opportunity to write letters, diary entries, biographies; design adverts and write stories set in unfamiliar settings. We will also cover poetry by deconstructing cold/ice themed poems followed by the children writing their own.

In **Science** we will be studying the topic 'Properties and changes of materials.' This topic will allow the children to compare and group together everyday materials on the basis of their properties. They will learn about solids, liquids and gases and look at how mixtures might be separated through filtering, sieving and evaporating. This topic should allow pupils to build a more systematic understanding of reversible and irreversible changes and recognise that melting and dissolving are different processes.

As part of **R.E** the children will be studying Sikhism. The topic is based around the question 'How far would a Sikh go for his/her religion?' and will allow children the opportunity to compare the different ways Sikhs put their religion into practice.

In **Geography** we are looking at glaciers; namely how they are formed and the features that are created as a result. This topic will also include a study of the Water Cycle and the formation of icebergs. Children will also carry out map work into places such as Antarctica and the Arctic and learn about the similarities and differences between these places.

In **Design Technology** the children will be studying hats, specifically ones that are suitable for Antarctic conditions. Throughout this topic the children will improve upon their knowledge of sewing and the different types of stitch. They will then make their own 'winter's hat' complete with bobbles and hopefully a motif.

Art and Design will feature a range of activities, sketching, both in pencil and charcoal, painting and 3D model making, using Modrock.

As part of **Computing** we are becoming artists. The pupils will use vector and turtle graphics to explore geometric art, taking inspiration from the work of Escher, Riley and traditional Islamic artists, as well as experimenting with complex 'fractal' landscapes.

In **History** pupils will explore the life of Shackleton, the young merchant sailor who went on to achieve fame as one of the great Antarctic explorers. As part of this topic we are hoping to visit The Polar Museum which has an exhibition examining his leadership in braving the extreme challenges of the Antarctic.

Other Information

The children will have P.E on a Monday afternoon.

Homework

Please see the homework folder for information.

Throughout the year Mrs Heather (mornings), Mrs Williamson (Monday and Friday mornings) and Mrs Farthing will be working in class.

I hope this information is of some help to you.

Thank you for your support,

Miss Bonner
(Year 5 teacher)