



**LIMITLESS POTENTIAL**

**IGNITE PASSION**

**EMBRACE DIFFERENCE**

**Mathematics:**

Times tables and mental maths.

Add and subtract mentally with increasingly large numbers up to four digits.

Use a formal written method of multiplication and division

Diving numbers of up to 6 digits by 10, 100 and 1000

Using multiplication facts to solve calculations

Exploring squared and cubed numbers

Solving two step division and multiplication word problems.

Understanding factors and multiples

Practice 7, 10, 100 and squared numbers.

**Year 4/5**

**Autumn I 2017**

**Topic:  
Snow and Ice**

**English:**

To revise correct punctuation in sentences

To confidently use a dictionary and thesaurus.

To explore formal non-fiction texts.

To understand and use key features of biographies.

To become familiar with a range of famous legends and folklore.

To write and perform poetry

To write a diary entry based on a theme.

**Humanities:**

Who was Robert Falcon Scott?

Why is Robert Falcon Scott remembered?

What went wrong on Robert Falcon Scott's final expedition to the Antarctic.

How has Scott's work impacted our lives today?

Researching other well known Antarctic and polar explorers.

**MFL:**

Where in the world speaks French?

**Music:**

Christmas carols  
Christmas nativity

**SCIENCE –**

Investigate and identify materials that are thermal conductors and insulators.

Investigate and identify materials that are electrical conductors and insulators

understand the difference between dissolving and melting and to identify which materials will dissolve in water.

Investigate factors which affect the dissolving of a material.

Identify different ways materials can be mixed together and separated and to know when to use which process to do this.

Identify and explain irreversible changes and describe the new materials these changes create.

**Computing: Retro games**

Control the movements and actions of a sprite in scratch.

Add backgrounds using algorithms

Use Scratch's programming language.

**PSHCE: Health and Wellbeing**  
Anti bullying week – all different, all equal.

**Art/ DT:**

Christmas cards and calendars.

**RE: Christianity**

The Christmas story

**PE:**

Cricket