

**Name of project**

Exploring Antarctica

**Year Group: 5**

**Term: Spring 1**

<p><b><u>Our Learning Overview</u></b></p> <p>This term our topic is a Geography led unit. Both our Geography and Science learning will be supported by our residential trip.</p>	<p><b><u>Summary of current hook:</u></b></p> <p>Our residential at Stubbington will inspire and support much of the learning this half term. In Geography, children will be learning about extreme climates and how they are beneficial to survival. This will coincide with learning in English about how the famous explorer Ernest Shackleton survived in Antarctica and finally, in Science, the children will learn about the different lifecycles of animals.</p>	<p><b><u>Summary of current celebration:</u></b></p> <p><b>This half term our outcome will be a chance to join your child to support them with their DT work and hear about all the learning we have done this half term.</b></p>
<p><b><u>Our Learning Journey</u></b></p> <p>Throughout the half term, Year 5 have a geography led unit. This will explore whether extreme climate provide us with natural resources to survive. As part of the geographical learning, children will find out about biomes, focusing particularly on Antarctica and the Russian Tundra.</p> <p>Alongside this, children will develop their knowledge of natural resources: energy and minerals. In turn this will link to our English work based upon Ernest Shackleton. Our lead text is Shackletons Journey, a beautiful picture book, that will bring his adventures to life. This will then form the basis of our English curriculum.</p> <p>Other subjects will link in to this overall topic of ‘Exploring Antarctica’. In DT we will design and create hats suitable for warmth in extreme climates. Science will involve life cycles of mammals, birds, insects and plants, focusing on those we find in our extreme climates.</p>	<p><b><u>RSE</u></b></p> <p>The RSE unit this half term is called “How to keep ourselves safe”. We will explore the harmful effects of smoking and drugs and how to manage risk.</p>	
	<p><b><u>E-Safety</u></b></p> <p>We will continue to educate children on the safe use of the INTERNET and Social Media.</p>	
	<p><b><u>Outdoor Learning</u></b></p> <ul style="list-style-type: none"> <li>Residential visit to Stubbington Study Centre</li> <li>Science – lifecycles</li> </ul>	
<p><b><u>What are the current curriculum links to maths and English?</u></b></p> <p>Using Shackletons Journey, we will be writing a range of texts, including letters and diaries. We will use the knowledge gained from our Geography unit to produce non-chronological texts about Antarctica.</p> <p>Across the Maths curriculum, we will be focusing on the areas: multiplication and division, decimals and percentages, perimeter and area and statistics.</p>	<p><b><u>Key dates for your diary</u></b></p> <ul style="list-style-type: none"> <li><b>INSET Day – Tuesday 3<sup>rd</sup> Jan</b></li> <li><b>Residential 3<sup>rd</sup> Jan – 6<sup>th</sup> Jan</b></li> <li><b>Library – Mondays (changing to Wednesday from wc 16/1/23)</b></li> <li><b>PE – Wednesday and Thursday</b></li> </ul>	
<p><b><u>This term we will be developing the IGNITE value of <span style="color: red;">Never Giving Up</span></u></b></p> <ul style="list-style-type: none"> <li>The children can draw from previous experiences to support their learning.</li> <li>The children will be able to use a range of ways to help themselves with their learning by using the appropriate resources and scaffolds provided.</li> <li>All tasks will be carried through to the end to ensure success.</li> <li>The children will recognise that it is okay to make mistakes.</li> <li>Children can view constructive feedback as a positive challenge and use it to make progress</li> </ul>		
<p><b><u>Support for securing key concepts and skills</u></b></p> <ul style="list-style-type: none"> <li>Support pupils with a greater understanding of topic linked vocabulary and concepts.</li> <li>Support in all subjects through visual and concrete resources.</li> </ul>	<p><b><u>Challenge and extension to deepen understanding</u></b></p> <ul style="list-style-type: none"> <li>Challenge children to use increasingly complex vocabulary</li> <li>Use pupils’ own knowledge to enrich the learning of others in foundation subjects</li> </ul>	

