



## EXPLORERS YEAR 5 Topic Overview



<b>ENGLISH:</b> Key texts – Shackletons Journey – William Grill. The Explorer by Katherine Rundell Videos (Literacy shed) Write a postcard home describing their journey. A diary entry from the perspective of Neil Armstrong Instructional text on how to survive in the wilderness.			<b>ART:</b> Make colour from natural resources. Create sculptures using natural resources (Andy Goldsworthy) Solar system art.		<b>DESIGN &amp; TECHNOLOGY:</b> Making a journal out of natural resources. Design and make a compass. Tasting different items and creating recipes from natural ingredients.
<b>MATHS:</b> Addition and subtraction Identifying multiples and factors including factor pairs and common factors. Rounding to check accuracy Multi step addition and subtraction problems. Prime numbers and prime factors. Multiplying and dividing by 10's, 100's and 1000's. Understanding squared and cubed numbers.		<b>SCIENCE:</b> Earth and Space <ul style="list-style-type: none"> <li>• The position of the sun and earth to explain day and night.</li> <li>• Understand the moon and its movement relevant to the earth.</li> <li>• Describing the solar system.</li> <li>• Understanding the earth's rotation.</li> </ul>	<b>HISTORY:</b> Looking at the history of famous explorers. <ul style="list-style-type: none"> <li>• Lewis/Clark and Sacagawea</li> <li>• Christopher Columbus</li> <li>• Francis Drake</li> <li>• Amelia Air Heart</li> <li>• Bear Grylls</li> <li>• Neil Armstrong</li> </ul> When countries were founded		<b>GEOGRAPHY:</b> We will look at maps and a globe to discover where small and large islands are around Britain/World. Children will think about what it might be like to live in a small, secluded place and how their lives would be very different. Children begin to understand coordinates as they draw their own fantasy island map.
<b>PSHE/THRIVE:</b> Children will take in turns to take the class ambassador	<b>VISITS &amp; ENRICHMENT:</b> Learning outside survival techniques. Visiting the beach to discuss survival on an island.	<b>COMPUTING:</b> Google Earth Fact file using publisher Search engines Typing speed	<b>PHYSICAL EDUCATION:</b> Strategic games – tag rugby. Gymnastics	<b>MUSIC:</b> Exploring different music compositions in different countries.  Creating the sound of space/under the sea or jungle.	<b>TOPIC FINALE:</b> <b>Postcard to Kenya about our topic.</b>