

	Year group	6	Academic year	2021-2022	Term	Spring 2	Duration	Six Weeks		
	Half-term topic knowledge Organiser									
	Topic Title	Life the Universe and Everything								

Topic Overview

	Key Questions		Key events		PSHE, SMSC and British Values		Opportunities for 6 Rs				
	<p>How can we locate places on Ordnance Survey maps?</p> <p>What is a six-figure grid reference?</p> <p>How can we read them?</p> <p>How is distance represented on a map?</p>		<p>Hook- Orienteering around the school Outcome- Creation of the Mars Robots</p> <p>Orienteering around the school site</p> <p>Use potatoes to learn about using contours on maps (PowerPoint Presentation (wordpress.com))</p> <p>Design, create, refine and evaluate a Mars Rover.</p>				<p>Respect: I can work well with others to navigate around the school.</p> <p>Resilience: I can ensure I try various options before arriving at the appropriate solution, not giving up in the process.</p> <p>Reflective: I can test and evaluate a variety of ideas before deciding on an outcome.</p> <p>Responsible: I can be relied upon to navigate around the school taking responsibility for my actions and how I am with others.</p>				
Summary		Vocabulary (tier 3)		Key dates		Prep/ homework task					
<p>The children will explore what it means to be human, living on Planet Earth. They will learn about tales of survival in extreme conditions, understand how human ingenuity has shaped the world we live in and learn basic skills the basic map reading skills necessary for navigation.</p>		<p>Latitude- measurement of distance north/ south of the Equator Longitude-measurement east/ west of the primary meridian Scale- relationship (ratio) between distance on a map and corresponding distances on the ground. Cartography- study of maps Circumference- distance around the edge of a circle Contour- lines used on a map to indicate changes in elevation of land Compass- a device that indicates direction Equator- imaginary line around the middle of the Earth separating the Northern and Southern Hemispheres Hemisphere- half of a sphere or a ball (E.g. Earth) Legend/ Key- a definition of the meaning of symbols on a map Continent- a method or division of land on the planet Earth.</p>		<ul style="list-style-type: none"> Thursday 3rd of March- World Book Day. Thursday 10th and Tuesday 15th of March- Parents evening. Friday 18th- Red Nose day. 		<p>Explore the Royal Geographical Society Website section on map skills (Royal Geographical Society - Geography resources for teachers (rgs.org))</p> <p>Use Ordnance Survey Symbols to create own map</p>					
Key English stimulus		Computing		Music		Spanish		RE		Maths	
<p>Survivors- David Long The children will be writing short stories (maximum 500 words) focusing on recreating a story of survival in extreme circumstances.</p> <p>Tuesday- David Wiesner The children will be writing a newspaper article based on the events of the book: 'Tuesday'.</p>		<p>The students will be identifying what makes a good web page and use this information to design and evaluate their own website using Google Sites.</p>		<p>I can evaluate how the venue, occasion and purpose affects the way a piece of music is created. Research/listening/project based. Play music around in different spaces to understand. Inside, outside, different parts of the building. Listen to sound and feelings created.</p>		<p><i>Mi escuela ideal (my ideal school).</i></p> <p>Reading a story (<i>Spot va a la escuela</i>) and sharing new vocab with the class. Singing along the song <i>Las asignaturas</i> in Spanish. Applying grammar knowledge to conjugate the verb ESTUDIAR in the present and use it to describe a timetable. Using a range of opinions and adjectives to describe subjects and facilities. Using conditional ideas to describe future studies and school facilities. Creating and describing what I would like to see in my ideal school. Creating a short presentation with the vision of my future school and what I would like for it to contain and not contain.</p>		<p style="text-align: center;">Resurrection</p> <ul style="list-style-type: none"> Revelation of the Qu'ran, Sawm and Ramadan Easter 		<p>The children will develop their understanding of percentages and apply their knowledge of decimals and fractions. They will also begin to explore algebra and various methods of graphing and analysis.</p>	