



Class/Year:	Year 5	<b>Start Date:</b> 15th April 2024		<b>Core Values:</b> <ul style="list-style-type: none"><li>• Learning to co-operate well with others and to resolve conflict effectively.</li><li>• Investigating and discussing moral issues and consequences of actions.</li><li>• Learning about the world around us and reflecting on our experiences.</li><li>• Understanding our cultural heritage and respecting our cultural diversity.</li></ul>	
		<b>Finish Date:</b> 24th May 2024			
Title: Explorers: Earth and Space			<b>Rationale: Science Focus: Earth and Space</b> We will be finding out about some of the greatest modern-day explorers and their adventures on Earth and in space. Children will learn that the Earth is part of the solar system and that the Sun is at the centre of that system. They will learn the names of the other planets (based on their distance from the Sun) and be able to describe the movement of Earth (and other planets) in relation to the Sun. Children will discover why there is day and night on Earth and relate this to time. They will plan an investigation to answer the question - what happens to the Sun during the daytime? Children will also gain an understanding of the phases of the Moon and be able to describe the Moon's movement in relation to the Earth.		
	<b>Explorers: Earth and Space</b>				
	<b>Focus Area: English</b> Through reading <i>Curiosity</i> by Markus Motum children will explore the themes of exploration and discovery and what it means to be curious. Children will follow the journey of the NASA rover <i>Curiosity</i> as it makes its way to Mars. Children will write labels to explain <i>Curiosity</i> 's features before exploring how to use cohesive devices to expand and explain. They will use the passive voice to log the rover's landing on Mars and write a short news report to be broadcast to Times Square. Finally, children will draw together their learning to design a new rover and write an expanded explanation to propose it as the future of NASA exploration. Secondly, by reading <i>Ice Trap! Shackleton's Incredible Expedition</i> , by Meredith Hooper and M.P Robertson, children will discover how difficult walking across the Antarctic Continent was and how triumph and adversity are a fraction of a moment away from each other.		<b>Supporting Focus Area: Geography – Locational Knowledge</b> Pupils will learn to identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night), in accordance with the National Curriculum.		
	<b>Discrete Teaching Programmes:</b> <b>Maths</b> – Daily Maths lessons. <b>PE</b> – Cricket, Athletics <b>PSHE</b> – Physical health and wellbeing.		<b>Supporting Focus Area: Art and the Cosmic Connection</b> "Art and the Cosmic Connection" is a program that introduces students to the solar system using art concepts. It uses the elements of art to help students understand and analyze beautiful NASA images from space. Study the work of the space artist Peter Thorpe and produce our own pieces inspired by him.		
<b>Homework Task:</b> Choose a well-known, worldwide astronaut; research about the person and present either as a slide show or on paper to the class.					

Working together for a successful future