



Class/Year:	Year 5	Start Date: 5th June 2023	Core Values: <ul style="list-style-type: none">• Learning to co-operate well with others and to resolve conflict effectively.• Investigating and discussing moral issues and consequences of actions.• Learning about the world around us and reflecting on our experiences.• Understanding our cultural heritage and respecting our cultural diversity.	
		Finish Date: 21st July 2023		
Title: Explorers: Earth and Space		Hook: Visit from Al Sylvester - Explorer		
		Rationale: <p>We will be finding out about some of the greatest modern-day explorers and their adventures. Through reading <i>Curiosity: The Story of a Mars Rover</i> by Markus Motum and <i>Ice Trap! Shackleton's Incredible Expedition</i>, by Meredith Hooper and M.P Robertson, pupils will learn about the exploration of the planet Mars and discover how difficult walking across the Antarctic Continent was and how triumph and adversity are a fraction of a moment away from each other. In addition, the children will, as part of their DT lessons, design and build a model Mars Rover. They will test out and evaluate their designs and suggest improvements and alterations.</p>		
		Focus Area: English - Ice Trap! Shackleton's Incredible Expedition <p>Both classes will read this thrilling account of Sir Ernest Shackleton's epic adventure in his ship Endurance. Pupils will discover how the exploration to the Southernmost continent almost ended in tragedy but how resilience, perseverance and team work kept them afloat.</p>	Supporting Focus Area: Science- Forces <p>In Science, children will focus on forces. They will explore the effects of air resistance by observing how different objects such as parachutes and sycamore seeds fall. Children will experience forces that make things begin to move, get faster or slow down and the effects of friction on movement and find out how it slows or stops moving objects, for example, by observing the effects of a brake on a bicycle wheel.</p>	
		Discrete Teaching Programmes: <p>Maths - Daily Maths lessons. PE - Athletics/rounders/tennis. PSHE - Sexual Relationship Education</p>	Supporting Focus Area: Geography - Locational Knowledge <p>Pupils should be taught 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.</p>	
Homework Task: Choose an explorer (apart from Shackleton or Armstrong) - create a biography of their life including their successful and failed explorations. Consider the presentation of your project and bring it in to share with the class by Monday 11 th July, either as a power point or on paper.				

Working together for a successful future