



To the Moon and Beyond!



Phase: Year 5/6	Term: Spring 2	Duration: 6 weeks
Learning Button Focus: Effort Maker		
<p>Rationale: After an introduction into space through an art Workshop based on the artist Pete Thorpe, the children will embark on a space exploration in which they will learn about the planets, stars and their distinctive characteristics. They will discover how ideas have evolved over time and how this affects day and night, seasons and tides. Through studying a range of different texts, the children will take on different perspectives of life in space and recount these in various ways. The project will culminate in a sci-fi story the best of which (voted by the children) will be presented to an author. All children will share their stories to KS1 in a 'Space Event'.</p>		
<p>Hook: The children will be introduced to Pete Thorne, a space artist, and will mimic his artist techniques using chalk and pastels developing their control over the media. They will continue to improve their artistic techniques throughout the project.</p>		
<p>Outcome: The children will present their sci-fi stories to KS1 at a 'Space Event' where each Key Stage will share their learning. Additionally, the best sci-fi stories (voted by the children) will be presented to an author.</p>		
Science	English	Art
<ul style="list-style-type: none"> Study the movement of the moon (relating it to the Earth's position) detailing this in a Tim Peaks captain's video log. Describe the movement of the earth and other planets detailing the planets orbiting positions and distances at different times. Use the idea of the Earth's rotation explaining day and night and the apparent movement of the sun across the sky explaining how this differs across the globe. Construct sundials showing midday and the start and end of the school day. Study the phases of the moon noting lunar months and the effect this has on the tides. Research the way that ideas about the solar system have developed, understanding how different sciences moved thinking on. 	<ul style="list-style-type: none"> Read both fiction and non-fiction texts about space to develop understanding of both the science and vocabulary linked with space. Explore how Smith blends scientific and literacy techniques and language for imagery. Write a survival guide for 'Galaxy Girl' to visit other planets using formal technical language and layout. Write a formal complaint letter to a character from Galaxy Girl discussing the viewpoints cohesively. Write short sci-fi story using a range of author techniques. 	<ul style="list-style-type: none"> Study the work by Pete Thorpe describing what they like and dislike about his work. Shade with oil pastels and consider how to depict light sources. Create a piece of abstract artwork in the style of Pete Thorpe showing increasing accuracy.
<p>Discrete Subject(s): Computing: Design a nightlight for ISS for when the sun goes down using SAMs lab.</p>		<p>Music: Trumpets and Trombones PE: Tennis & Tri Golf French: Weather and Clothing Maths Year 6: Statistics/Algebra/Position and Direction Year 5: Decimals and %/Shape/Position and Direction</p>
<p>Trips, opportunities and experiences: Mr Ransom (MBE) workshop on Sundials.</p>	<p>Home learning: See separate sheet.</p>	<p>Religious Education: Key Concept: Salvation Big Question: What did Jesus do to save others?</p>