

Topic Overview: SMSC/PSHE/British Values: Achieve

The core value which drives this unit of study is achievement. The children will begin by learning about what comprises our solar system and investigating 'What is Earth's address in space?' and they will pose questions about the wider world beyond planet Earth through the creation of a Wonder Wall. They will appreciate the evidence in science that has allowed scientists to learn and achieve the knowledge of space to date and use this evidence to help them to investigate further questions. In reading, they will look at books such as 'How to be a Space Explorer' which will help the children to imagine themselves as future space explorers and understand the science and achievements of space travel; they will enjoy poems from 'Spaced Out' and enjoy the novel 'Cosmic'. The children will also get inspiration from various artists and the achievements of Gustav Holst and his famous orchestral pieces 'The Planets', to create and write about their own planet. This topic will give them a further understanding of the human achievements of space and reflect upon questions for the future. They will consider their own place within this and achievements for the future that they hope to be part of.

Lead subjects: Science, English and Music

English						Science	Non lead subjects: DT	PSHE		
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6				
Reading	Space Poetry 	Non-Fiction 	Fiction 				<p>Space and Gravity</p> <p><u>Key questions:</u></p> <p>What is Earth's address in space? What else is in the solar system? What is gravity and what are its effects?</p> <p>Children will describe the movement of the Earth, and other planets, relative to the Sun in the solar system.</p> <p>They will describe the movement of the moon relative to the Earth, describe the Sun, Earth and moon as approximate spherical bodies and use the idea of the Earth's rotation to explain day and night and the apparent movement across the Sun's sky.</p>	<p>Making a secure structure</p> <p>Children will create a simple design specification to guide the development of their ideas. Children will think about the effectiveness of the materials they choose to construct with.</p> <p>Children will then formulate a clear step-by-step plan of how to make the structure and select appropriate tools to ensure an effective outcome.</p> <p>Children will then evaluate their structure critically against their design specification and the intended user purpose.</p>	<p>Valuing Difference</p> <p>Pupils will recognise and celebrate difference, including religious and cultural. Classes will reflect upon and discuss the influence and pressure of social media.</p>	
Writing	Atmospheric poetry. Space poem about a fictional planet. Inspired by music and artwork, children will craft poems about fictional, newly discovered planets.	Diary Entry Space Explorer Based on the events of an astronaut in space, children will write their own diary entry as if	Scientific Narration Non-Chronological report based on fictional planet Inspired by Pandora, children will construct their own narration of a newly discovered planet.				<p>PE</p> <p>Gymnastics</p> <p>Children will learn how to balance, travel and roll both individually and with a partner both on the ground and on apparatus. They will understand how to improve their performances by using tension as well as evaluating their own and others' performances.</p> <p>Handball</p> <p>Children will learn the rules of this invasion game and learn how to work as part of a team by invading and defending.</p>	<p>RE</p> <p>Christianity: Flight (symbol)</p> <p>Children will look at flight as a symbol. Children will explain the meaning of the concept <i>symbol</i>, explain how flight as a <i>symbol</i> is expressed in different religious stories, evaluate flight as a <i>symbol</i> by explaining its meaning and linking it to a personal response.</p>	<p>Computing</p> <p>We are Game Developers. Children will use 'Scratch' to create their own game by learning and understanding algorithms, sequencing and debugging. As well as understanding how to be safe.</p>	<p>French</p>