





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 today 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 and English

English							Science	Non lead subject - DT	Non-lead subjects:
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Space and Gravity	Making a secure structure	PSHE:
Reading	Space Poetry 	Non-Fiction  		Fiction 			<p><u>Key questions:</u> 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. 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>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 Pupils will recognise and celebrate difference, including religions 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>RE Christianity: Flight (symbol) 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 symbol by explaining its meaning and linking it to a personal response.</p>

Other subjects taught in this unit of study:

PE, Music, French, computing