

**Topic Overview**

In this topic, year 5 delve in to the phenomena of space and learn about the science behind the awe and wonder. We launch our enquiry with meeting the planets and discover which solar system we are in and what it is made up of. This will then lead on to the relationship between the moon and Earth and how day and night exists. We will also look at some successful people linked to space with a particular focus on the achievements of women.

English	Science	Non-lead subjects:
<p>PIE – Inform Children will write an explanation text. Children will identify the audience and purpose for their writing using similar models for their own. Children will use simple devices to structure their text such as headings, sub-headings and bullet points. They will also use a range of devices to build cohesion (conjunctions, adverbials of time and place).</p> <p>PIE – Entertain Children will write a Science- Fiction story with a focus on setting. Children will create settings, characters and atmospheres. Use a range of literacy devices such as figurative language e.g. metaphors. Children will use a range of devices to build cohesion including a range of conjunctions, adverbials of time and place and pronouns.</p>	<p>Earth and Space Children taught to:</p> <ul style="list-style-type: none"> ▪ describe the movement of the Earth, and other planets, relative to the Sun in the solar system ▪ describe the movement of the Moon relative to the Earth ▪ describe the Sun, Earth and Moon as approximately spherical bodies ▪ use the idea of the Earth’s rotation to explain day and night and the apparent movement of the sun across the sky. 	<p>DT Making a secure structure and chassis – Moon Buggies. 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 their moon buggies. 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. Children will then evaluate their structure critically against their design specification and the intended user purpose.</p> <p>R.E. Christianity Flight 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>
<p>Other subjects taught in this unit of study: Maths (decimals and fractions), Music, French, PE (yoga/ fitness and handball)</p>		

