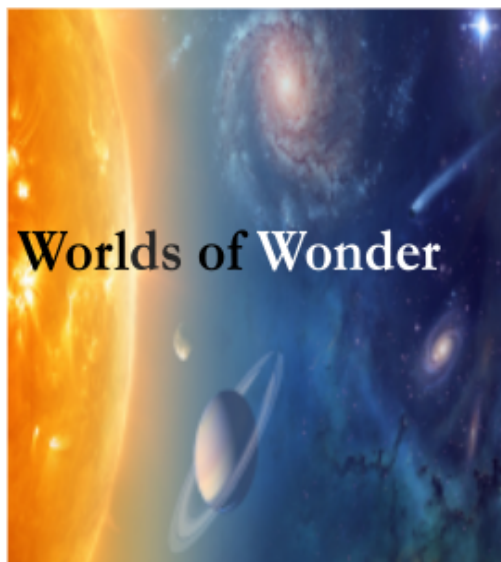


**In Science we will be** journeying into the solar system, exploring the movement of the earth and other planets relative to the Sun. We will learn about the Moon and its phases, as it orbits planet Earth; and investigate the idea of the Earth's rotation to explain why we have day and night. Pupils will discover the direction in which light travels and gain an understanding of how light is reflected and cast shadows which have the same shape as the objects which cast them.

**In History we will be** developing further our chronological awareness of British, European and World History by addressing historically divisive questions regarding the space race, space travel and the shape of the earth. Through the varied use of sources (including videos, pictures and information texts) we will broaden our understanding of the world around us, recognising the importance of engaging with some of the most groundbreaking historical events and how they impact life today. We will have opportunity to focus on the development of our historical skills.

**Our Cornerstone Value Links include:** WONDER (*we will be taking in delight in the wonders of God's creation of the universe*) and EXCELLENCE (*we will be inspired by the hard work and achievements of scientist, artists and designers*).



**In Design and Technology we will be** designing and making a 'space buggy'. Using the Lunar Roving Vehicle as inspiration, we will research, plan, make and evaluate our 'space buggy' designs. We will make a 3D design using Tinkercad. We will choose suitable materials and a range of tools for construction. We will power our buggies using an electrical circuit.

**Core Curriculum Links include:** Creative Writing, through a range of fiction and non fiction pieces; as well as Mathematics through measuring skills.

**In Geography we will be** using digital maps, photographs and atlases to develop our skills of locating the world's countries and continents, whilst also gaining a greater understanding of lines of longitude, latitude and different time zones. This topic will also allow us to use compasses; here cross-curricular links will be made with Design and Technology, exploring the movement of 'space buggies'; and Science, learning about the Earth's magnetic field.

**In Art we will be** exploring how photography is used to capture the wondrous images of our galaxy, including nebulae. We will be inspired by the artists Vincent Van Gogh and Alma Thomas, aiming to emulate their distinctive painting techniques to create our own pieces. We will develop the use of our sketch books to record our creative observations and we will master the skill of cutting, using different tools and materials.

**Our Enrichment Links include:** a planned visit to The National Space Centre in Leicester.