

**Class 5**  
**Autumn, 2024**

**Quest Title: 'Space'**



**We Care, We Aspire, We Belong**

These words underpin the ethos of our school and the teaching and learning that takes place. We strive to ensure all children care for their community on every level, aspire to be the best they can be and most importantly, develop a strong sense of belonging here at Milverton Community Primary and Pre-School.

**We Care by:**

looking after the resources we have for our learning and renovating our school environmental area for the whole school to enjoy.

**We aspire by:**

aiming to be the best we can be. This will include being responsible for our own learning in the classroom and producing a project at home.

**We belong by:**

focusing on teamwork. This will include working on a variety of skills such as: negotiation, compromise, how to support others, learning together and what our roles and responsibilities are.

**Our Learning Adventures:**

We will make use of the fantastic outdoor learning environment here at school to access a hands-on curriculum whenever possible. We will continue our forest school sessions and focus on our Eco-Schools topic of 'biodiversity' through the renovation of the school environmental area and pond. We will have a visit from an external provider who will teach the children about certain aspects of space and constellations. We will work with home to produce a small presentation for the class on any aspect of the quest that we enjoy. We will take part in a curriculum evening here at school to show parents what we have been learning.

**As historians:**

We will research the chronology of the space race and recount some of the pioneering events. We will study the development of the understanding of our solar system and beyond (constellations). We will study the history of Earth and some of the key historical civilizations.

**As geographers:**

We will use a variety of sources to learn about the structure of Earth. We will use maps, atlases, globes and digital computer mapping to locate countries and describe features studied. We will use 'Google Maps' to investigate these places.

**As mathematicians:**

We will learn about time and durations. We will use very large numbers to calculate with. We will use scale to increase/decrease the size of objects. We will use a variety of techniques to handle data. We will continue to learn in all areas of the mathematics curriculum.

**As design and technologists:**

We will research, design and make moon buggies using a variety of materials, mathematical shapes and tools. We will use Lego 'WeDo' to control buggies using coding.

**As scientists:**

We will learn about our solar system including the Sun, the planets, day and night, moon phases, the seasons and constellations. We will investigate forces using parachutes. We will look at the absorbency of materials while investigating 'astronappies'. We will also investigate the use of materials used in space vehicles using impact testing.

**As linguists:**

We will learn to write sci-fi stories and non-chronological reports. We will also write for extended periods, each week, for a variety of purposes. We will read daily and answer questions from our own books, guided reading material and topic non-fiction books.

**As artists:**

We will use a variety of techniques to create colour, texture and mood. We will study the work of Andy Warhol and use this inspiration to create our own art.

**As theologians:**

We will study Islam and investigate what Muslims believe about Islam and Iman.

**As musicians:**

We will study aspects of music, notation and composition from specific composers. We will appreciate the music from 'The Planet Suite' by Holst and use 'Six Marimbas' by Steve Reich to learn using percussion instruments.

**As athletes:**

We will learn through creative dance and further develop our teamwork through a variety of structured games.