

Literacy

Speaking and Listening – Debate whether Nicolaus Copernicus or Galileo Galilei were more influential in changing people's opinions regarding the Earth and its movements.

Information Text – Creating a non-chronological report about our Solar System. Researching each of the planets separately and summarising information through a range of organisational features.

Newspaper Report- Producing a newspaper report on the Apollo 11 Moon Landing, which will subsequently be published in a class newspaper.

Biography Writing – Creating a biography for the life of Neil Armstrong, documenting his achievements and the events which led to the Apollo 11 Space Mission. Relative clauses and parenthesis will be used to add extra information.

Creative Writing – Exploring our class text, *Cosmic*, children to write from the perspective of different characters, producing persuasive letters, theme park advertising brochures, and poems.

Story Writing– Using our class information text, *Curiosity – the story of a Mars Rover*, and our POR text, *Cosmic*, for inspiration, we will create our own Space-themed adventure story, complete with a problem and resolution.

Understanding the World- Science

Earth and Space – An in-depth exploration into our Solar System. Describing the movement of the Earth and other planets relative to the Sun as well as identifying the movement of the Moon relative to the Earth. We will also explore the Earth's rotation in helping us to explain day and night and the apparent movement of the Sun across the sky. This will enable us to explore time zones from both a scientific and geographical perspective.



The Space Race Topic Web – 5 Weeks



Expressive Arts and Design

To start our topic, we will design and create our own hydraulic rockets that we will launch on the school field.



As a class, we will create a representation of the Solar System by creating papier Mache planets in groups.

We will also explore the abstract art of artist Peter Thorpe. His vibrant Space-themed artwork will be adapted and recreated using a range of art materials.

Living in the Wider World- PSHE

Identifying our responsibilities in caring for the world we live in and what we could do to make a difference on a local scale.

History

Extended Chronological Study – We will explore the Space Race by first identifying the Cold War tensions between the USA and USSR. We will identify the various Space missions and order these chronologically using a visual timeline.

Maths

Statistics – Exploring the orbital periods of different planets will enable us to interpret a range of statistical data.



Enrichment

To support and enrich our learning, Year 5 will go on a school trip to the Winchester Science Museum where we will take part in a rocket workshop and explore the planetarium on show there.

Understanding the World- Geography

Locational Knowledge – We will use a variety of maps to locate the country of Russia, due to its prominence in the Space Race. In relation to the Earth's movements, we will explore the position and significance of latitude, longitude and the Equator as well as identifying the Northern and Southern Hemisphere and the differences between them.

Human and Physical Geography – As the largest country in the world, Russia is home to a variety of different regions and climates. We will spend time exploring the concept of biomes – identifying the different biomes within Russia and describing the key aspects of these.

RE

Easter – Exploring the theme of guidance as we answer our key question, 'How does the Easter triduum guide and inspire us?'

