

Literacy

As readers, we will:

- Study various non-fiction text to allow us explore the topic deeper.
- Engage with a science fiction novel *The Kid Who Came From Space* by Ross Welford, which will fuel our discussions about space travel

As writers, we will:

- Practise spelling and grammar every day.
- Write to inform in a report on our Solar System and describe the International Space Station

Geography

As geographers, we will:

- Be able to present findings on a map illustrating the Equator, Tropic of Cancer and Capricorn
- Label Northern and Southern Hemisphere and
- Illustrate Arctic and Antarctic Circle
- Plan a long distance journey accounting for time zones
- using topical vocabulary correctly

Music

As musicians, we will continue to explore different styles of music and play instruments.

History

As historians, we will:

- Research and add key dates to the timeline for the Space Race between 1945 – 1969
- Discuss the cause and effects of the Space Race and how each country helped each other develop.

Art and DT

As artists, we will:

- Study Jackson Pollock and his contribution to abstract art
- Explore different techniques of painting using acrylic colours
- Create our space-themed abstract art

Numeracy

As mathematicians, we will continue to study:

- Division and multiplication
- Fractions

French

As international speakers, we will:

- Use drama and performance skills to aid memory of new language including the vocabulary and grammar structures
- Understand basic grammar, e.g. gender, present tense of the verb *etre* (to be)
- Build confidence in spoken use of *etre* (to be)

EARTH AND SPACE

Year 5

Spring 1

Science

As scientists, we will:

- Study the space, our galaxy, solar system and planets, including the Earth. We will investigate how planets (and moons) move in relation with the Sun
- Create simple models to describe scientific ideas (e.g. of the movement of the Sun, Earth and the Moon)
- Identify patterns that might be found in the natural environment
- Expand our topical vocabulary

Computing

As computer users, we will:

- Begin to develop understanding of how technology works; how computers process instructions and commands, including the use of coding languages.
- Evaluate effectiveness of algorithms
- Continually debug code to identify and correct errors

PE

As sportspeople, we will:

- Develop flexibility, strength, technique, control and balance in gymnastics
- Use different techniques to hit the ball; develop a backhand technique; and play a tennis game using an overhead service