

Science

- Earth, Sun and Moon as approximately spherical bodies
- The Solar System and their relative distances to the Sun
- The lunar cycle and phases of the Moon
- The movement of the Sun and how it causes night and day
- Working Scientifically – craters on the Moon



History

- Timeline of space travel
- Timeline of astronomers
- Who was more significant – Neil Armstrong or Dr Mae Jemison?

Geography

- Position of the continents, lines of longitude and latitude, the Equator, Prime Meridian.
- Physical geographical features in each continent



Art

- In-depth look at artist Peter Thorpe – create own work inspired by him
- Mixing paints to create secondary and tertiary colours
- Create solar system art piece



Earth and Beyond Y5 Spring 2022

Trips/visitors

Leicester Space Centre – Friday 4th March
Parent art Workshop

English

The Kid Who Came From Space – 7 weeks

- Character description
- Inference
- Balanced argument
- Diary/travel journal

Challenger Disaster Newspaper Report – 2 weeks

Persuasive leaflet – 2 weeks

Space Poetry – 2 weeks



Maths

- Short and long multiplication and short division including remainders – 3 weeks
- Fractions – equivalent fractions, comparing fractions less than and more than 1, improper fractions and mixed numbers, adding and subtracting fractions with the same and different denominators, adding and subtracting mixed numbers, multiplying fractions and fractions of amounts – 7 weeks
- Decimals and Percentages – decimals as fractions, understanding thousandths, order and compare decimals, percentages as decimals and fractions

Home Learning

- Make a model of a rocket
- Create a perfect planet



D&T

- Moon buggy with electronic components.
- Children to use a range of tools and joining techniques.
- Children to test their buggy on round terrain.
- DT Process followed.