

# Space

## SCIENCE

**Outcome:** Children will understand about Earth and Space. They should be able to:

- Describe the movement of the Earth and other planets relative to the Sun
- Describe the movement of the Moon relative to the Earth
- Describe the Sun, Earth and Moon as approximately spherical bodies
- Use the idea of the Earth's rotation to explain day and night

## HISTORY

**Outcome:** Children will learn about the history of space travel. They should be able to:

- Place events on a timeline knowing where they are in relation to other events.
- Use a range of sources to find out about an aspect of history.
- Bring knowledge gathered from several sources together.
- Examine causes and results of great events and the impact on people.
- Analyse information and assess the historical impact it had.

## GEOGRAPHY

**Outcome:** Children will continue to learn about earth in space: They should be able to:

- Identify the position and significance of the Prime/Greenwich Meridian and time zones (including day and night)

## COMPUTING

**Outcome:** Children will design and create their own coding projects about space using scratch. They should be able to:

- Design, input and test complex sets of instructions to a program or device
- Design, write and test simple programs that follow a sequence of instructions
- Design, write and test simple programs that allow a set of instructions to be repeated



## ART AND DESIGN

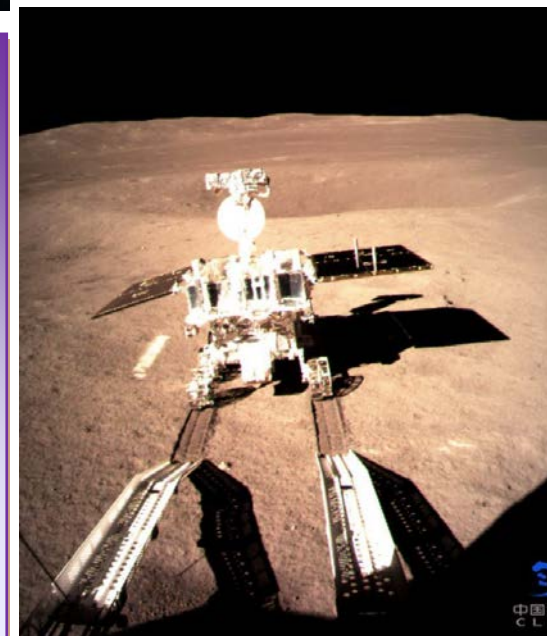
**Outcome:** Children will create paintings of planets using techniques inspired by Jackson Pollock and Gerard Richter. They should be able to:

- Use line, tone and shading to represent things seen, remembered or imagined
- Use a sketchbook to develop ideas
- Experiment with tools, paint application, colour and scale
- Recognise the different functions and purposes of drawing and painting within the wider world
- Learn about great artists, architects and designers in history
- Compare artists and designers of different styles and time periods

## MUSIC

**Outcome:** Children will be studying music in relation to our Solar System. They should be able to:

- Develop their listening skills
- Relate sound sequences to image
- Analyse compositions using musical vocabulary
- Focus on dynamics and texture
- Developing techniques of performing rap
- Learn a melodic ostinato using staff notation



## ENGLISH

**Outcome:** Children write a diary entries and narrative to accompany the short film, 'The Piano'. They should be able to:

- Explore themes within and across texts for example, loss, heroism, friendship.
- Infer characters' feelings, thoughts and motives from their actions and justifying inferences with evidence
- Describe settings, characters and integrating dialogue to convey character
- Ask questions to improve understanding
- Identify and discuss themes and conventions within a text

## ENGLISH

**Outcome:** Children will write a whole class political manifesto. They should be able to:

- Perform compositions using appropriate intonation, volume and movement.
- Recognise vocabulary and structures that are appropriate for formal use.
- Write compositions involving persuasive language devices such as rhetorical questions and alliteration.



## MATHS

- **Outcome:** Children will continue to study fractions and decimals. They should be able to:
- Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths
- Compare and order fractions whose denominators are all multiples of the same number
- Add and subtract fractions with the same denominator and denominators that are multiples of the same number
- Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams
- Read and write decimal numbers as fractions
- Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents
- Read, write, order and compare numbers with up to three decimal places
- Solve problems involving numbers up to three decimal places

## PSHE

**Outcome:** Children will be learning about physical wellbeing and maintaining health. They should be able to:

- Recognise early signs of physical illness e.g. weight loss/unexplained changes.
- Explore the risks and effects of a range of legal and illegal drugs.
- Explore the different attitudes surrounding drug use and drug users.
- Identify what peer pressure for drug use may look and feel like, and how to resist it.

## RE

**Outcome:** Children will learn about the Jewish festival of Pesach. They should be able to:

- Describe how the Seder reminds Jews of times in their history when they have suffered persecution
- How symbolic food can be used to remember important events

## PE

**Outcome:** Children will learn about invasion games, including netball and football. They should be able to:

- Develop skilful attacking and team play
- Learn a range of ways to shoot and keep possession of a ball
- Consider how to use skills, strategies, and tactics

## LANGUAGES

**Outcome:** children will continue to develop their grammatical knowledge and comprehension in French relating to hobbies and pets. They should be able to:

- prepare and practice short conversations
  - Use action and rhyme to aid memorisation
  - Write words, phrase and sentences
- Use previous learning to help understanding