

SCIENCE

Earth and Space

Describe the movement of the Earth and other planets, relative to the Sun in the solar system. 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 and the apparent movement of the sun across the sky.

Forces

Explain that unsupported objects fall towards the earth because of the force of gravity acting between the earth and the falling object. Identify the effects of air resistances, water resistance and friction that act between moving surfaces. Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have greater effect.

PE

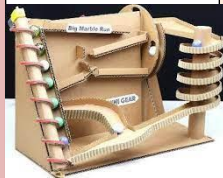
To play competitive games, to develop flexibility, strength, technique, control and balance.

- Football (Y5/6)
- Hockey (Y5/6)
- OAA (Y5/6)
- Gymnastics (Y5/6)
- Fitness (Y6)
- Yoga (Y6)

RE

Forgiveness

Define forgiveness. Understand Jews follow the Ten Commandments and Yom Kippur. Understand Buddhists do not believe in god. Explore the eightfold path.



COMPUTING

Online Safety

Children will use technology safely, respectfully and responsibly and will be able to recognise acceptable or unacceptable behaviour and identify a range of ways to report concerns about content and contact.

MATHS

Place Value: Read, write, order, compare and round numbers to at least 1000000 & determine the value of each digit. Interpret negative numbers in context. Read roman numerals. Solve number and practical problems that involve all of the above.

Addition & Subtraction: Solve addition & subtraction multi-step problems in contexts deciding which operations & methods to use and why. Add & subtract mentally with increasingly large numbers. Add & subtract whole numbers with more than 4 digits including using formal written methods.

Multiplication & Division: Identify all multiples, factors and prime numbers. Multiply & divide numbers mentally drawing upon known facts. Multiply numbers up to 4-digits by 1-digit or 2-digit number using the formal written method. Divide numbers up to 4 digits by a 1-digit number using short division.

Fractions: Identify, name and write equivalent fractions. Read & write decimal numbers as fractions. Compare, order, add and subtract fraction.

DT

Marvellous Structures

To select from and use a wider range of materials and components. Children will gain knowledge and understanding about how to join and shape.

ART

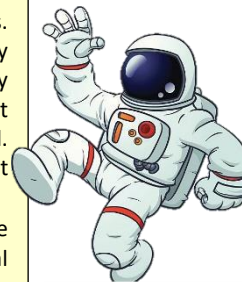
Retro-Futurism

To create sketch books to record their observations and use them to review and revisit ideas. To improve their mastery of art and design techniques, including drawing and painting with a range of materials [for example, pencil, charcoal, and paint]. Create a retro-futurism inspired mixed media piece of a view in Space.



RHE

- Class Charter – R&R
- E-Safety
- Relationships
- Anti-Bullying Week



YEAR 5 AUTUMN TERM

'Out of this World!'

GEOGRAPHY

Rivers

Children will find out why rivers are so important to the towns and villages that have developed by their banks. By looking at the features of rivers, and natural and human ways that rivers change over time, children will explore the life stories of rivers. They will also learn the name and locations of the major rivers in the UK and the world.

HISTORY

Ancient Greece

Children will gain an understanding of where and when some key events during the ancient Greek period took place. They will explore what is meant by the terms 'trade', 'civilisation' and 'empire' and explore how, towards the end of the ancient Greek period, Alexander the Great grew an empire resulting in the Greek civilisation spreading more widely. They will learn about daily life in Ancient Greece and then compare the Ancient Greek Olympics to the modern Olympics.



ENGLISH

Poetry

Poetic Language (Making the Ordinary Extraordinary)

Non-Fiction

- **Explanation and Recount**
Tim Peake
- **Persuasion**
Participate in the 1st ever Olympic Games



Fiction

'Cosmic' by Frank Cottrell Boyce



Independent Writing

- Sci-Fi 'Pandora'
- Myths and Legends
'King Midas'

Basic Grammar and Sentence Structure

We will recap everything they have learnt so far to ensure they are able to confidently use it within independent writing.

Throughout the year, the children will learn to use a wide range of punctuation taught so far. They will learn to proof read for spelling and punctuation errors and ensure their writing is cohesive.

MUSIC

(Charanga)

Children will play and perform in solo and ensemble contexts, using their voices. Children will listen with attention to detail and recall sounds with increasing aural memory.