

MATHS

Children will learn:

- To multiply 4 digit numbers by a 1 digit number
- To multiply 2 digits by 2 digits
- To multiply 3 digit and 4 digit numbers by 2 digits
- To divide 4 digit numbers by 1 digit numbers
- To divide with remainders
- Equivalent fractions
- To convert between improper fractions to mixed numbers
- To compare and order fractions
- To add and subtract fractions
- To add and subtract mixed numbers
- To multiply fractions and mixed numbers by integers
- To calculate fractions of an amount
- To recognise decimals up to 2 d.p.
- Decimals as fractions
- To understand thousandths as decimals
- Round, order and compare decimals
- To recognise percentages as fractions and decimals
- Equivalent fractions, decimals and percentages

SPACE YEAR 5 SPRING

READING AND WRITING

Children will continue to use VIPERS in Guided Reading sessions.

The class book they will be reading is: Cosmic

In grammar lessons the children will learn about:

- Parenthesis
- Figurative language
- Direct and indirect speech
- Relative clauses



In writing the children will be using their knowledge to write:

- Letters
- Non-chronological reports
- Poetry
- Narratives
- Diary entries
- News Report

GEOGRAPHY AND HISTORY

In Geography children will learn:

- About the structure and layers of the Earth
- About what causes Earthquakes
- The different parts of a volcano

In History children will learn:

- About the Space Race
- About Important people in history who supported space exploration



MUSIC

Children will learn:

- How different moods can be achieved through music
- To compose, perform and evaluate a group piece
- To create a musical soundscape and evaluate own and other's compositions

COMPUTING

Children will learn:

- About spreadsheets including: functions, graphs, formulas and calculations
- To use 'SketchUp' for 3D design

SPANISH

Children will learn:

- Numbers to 10
- Colours

SCIENCE

Children will learn:

Working scientifically

- Recording data
- Presenting findings
- Use scientific evidence to support or refute ideas

Earth and Space

- About the movement of the Earth and other planets relative to the Sun in the solar system
- About the movement of the Moon in relation to the Earth
- To describe the Sun, Earth and Moon as approximately spherical bodies
- To use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky



ART and DESIGN and TECHNOLOGY

In art the children will learn:

- To use sketchbooks to make observations and review their art work.
- To use crayons, pastels and pencils with effect focusing on the work of Peter Thorpe
- To create models

In Design and Technology children will learn:

- Use research to create a design for a Mars Rover
- Select materials to use according to their functional properties



RE

Children will be learning about:

Journeys:

- Pilgrimages
- Lourdes
- Hajj

Christianity

- The importance of Easter

Ceremonies

- At the beginning of our lives
- Special moments (religious and non-religious)
- Weddings

PSHE

Children will be following the Jigsaw programme and learn:

- That money is needed to achieve some dreams
- Different jobs that people can have
- To identify a job they can do when they are older and what they need to do to achieve it
- The dreams and goals of young people in a different culture
- To support young people
- The health risks of smoking
- Risks of misusing alcohol
- Basic emergency aid procedures
- How the media promotes certain body types
- The different roles food plays in people's lives

PE

Children will take part in and learn:

Gymnastics

- How to roll with fluency
- To link balances and rolls in a sequence
- To use gymnastic equipment and adapt sequence for these
- To use different movements for travelling

Netball:

- To pass with accuracy
- To move into space
- About tactical knowledge
- The footwork rule
- To shoot with accuracy