

English

Reading

- Year 5 are reading and studying 'The Jamie Drake Equation' by Christopher Edge.
- This will include learning and applying the reading strategies of predicting, clarifying, inferring, summarising, evaluating, questioning and making connections.
- We will also study different non-fiction texts all about space to support our understanding of the text.

Writing

- Year 5 are writing diaries from the perspective of a person on Mars.
- Students will study diary examples to learn the key features and practise these.
- They will then create their own diary examples based on a child in space.
- The focus is on using an informal writing style.

Spelling

- Year 5 will be focussing on homophones and near homophones in depth, as well as revisiting spelling patterns learnt last term.

Handwriting

- Students will be transitioning away from handwriting books for practise.
- The focus will be on speed, legibility and proportion.

Grammar

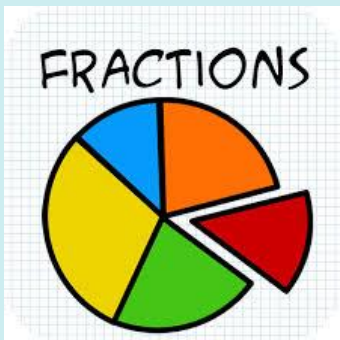
- Students will continue to focus on accurate use of verb tenses, articles and prepositions as well as a range of conjunctions and punctuation.

Year 5 Curriculum Overview



Space explorers

Mathematics



MATHS TOPIC

FRACTIONS

- Equivalent fractions
- Improper fractions to Mixed numbers
- Mixed Numbers to Improper fractions
- Fractions in number sequences
- Compare and order fractions less than one
- Compare and order fractions greater than one
- Add and subtract fractions
- Add fractions within one
- Add three or more fractions
- Add fractions
- Add Mixed numbers
- Subtract fractions
- Subtract Mixed numbers
- Subtract 2 Mixed numbers
- Multiply Unit fractions by an integer
- Multiply Mixed numbers by integers
- Find fractions of amounts
- Using fractions as operators



Learning is opened through an entry point to engage pupils and assess their current understanding.

Entry point- Mission to Mars.

- In small groups, children will be launching their very own rockets off into space!
- They will design and decorate their rocket to make sure it is identifiable on its mission. They will fill them with water, pump them with air and watch them go!

Knowledge Harvest

- Recap what children learnt or thought about from the Entry Point activities. The children will then mind map everything that they know about 'Space'.



At the end of each unit, outcomes are celebrated an exit point

- Children will create their very own documentary all about Space at the end of term 2B.
- They will plan, record and share their learning in small groups.

Speaking, Listening & Drama Opportunities

Students will continue to have opportunities to speak in class, including presentations, discussions and poetry.



Science

SPACE EXPLORERS – Students will:

- Know how to compare the size of the planets and their distance from the Sun
- Learn about the movements of the Earth, Sun and Moon and how they affect us.
- Explore the concept of night and day and understand how seasons occur.

FANTASTIC FORCES- Students will:

- Understand what gravity is and how it pulls on objects and how air resistance affects moving objects.

Computing

Students will complete an MIT Challenge.

Through the challenge students will:

- Learn about NASA's current mission to Mars.
- Discover the challenges of Mars' atmosphere.
- Experiment with different types of filters.
- Work collaboratively to design a filtration system.
- Build a model of their team's ideas.

Beginners Vietnamese

- Tet Festival
- Chung cake
- Traditional games
- Role play



DSTE- Dreams and Goals

Students will :

- Explore different careers and gain a better understanding of different jobs that are done by individuals around the world.
- Understand that money is sometimes needed to achieve dreams
- Take some time to consider what job they would like to do when they are older, and what motivates them to do so.

Topic- Space explorers

Students will:

- Learn what people in the past used to think about the Earth, Sun and Moon
- Learn about Galileo and his findings about the Earth, Sun and Moon .
- Study the Space Race and gain a better understanding of the competition between the U.S.A and Russia during the Cold War.

Vietnamese

- Develop their vocabulary and grammar in each topic
- Use descriptive details in their writing
- Create own stories using creative and grammatical skills

MFL - Spanish or French

- Develop pronunciation, grammatical understanding
- Hold a simple conversations in their chosen language
- Begin to study literature
- Cultural studies



Books we will be exploring:

The Jamie Drake Equation

by Christopher Edge

Trips / Workshops

Entry Point: Water Rockets
Design/Build/Test



D.E

Gymnastics

- Develop good body tension and control, leading to aesthetically pleasing performances.
- Develop and refine ideas to choreograph short travel based sequences using simple apparatus.
- Reflect on their own and others performance using key Gymnastics terminology.

Net Games

- To use forehand, backhand and overhead shots increasingly well in the games played

Performing Arts

Music

Students will be taught to:

- Identify musical elements
- Compose their own music to reflect a theme

Dance

Students will be taught to:

- Dance in a contemporary style



Art/ D&T

- Design/Build/Test water rockets
- Work collaboratively with others, on projects in 2 and 3 dimensions
- Use recycled, natural and manmade materials to create a working model

