

## Year 5

# 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

#### Fiction - Narrative

- inspired by an online video called 'One Small Step' by Taiko Studies We will learn to use a range of different sentence structures and powerful vocabulary to create an effective story

#### Non- Fiction Journal

Using a short clip from The Martian as a stimulus.

- We will learn to use a range of emotive vocabulary and to write in the 1<sup>st</sup> person

### Spelling/Grammar/Handwriting

#### ing

#### Spelling

- Word endings with the /shuhs/ sound, spelt -cious, -tious, -ious
- Words with the short vowel sound /i/ spelt with a y
- Homophones and near homophones

#### Grammar

- Multi-clause sentences/relative clauses
- Short sentences for impact
- Colon for a list
- Range of sentence starters

#### Handwriting

Letter formation, size and proportion of letters and accurate joining.

## Year 5

# Mathematics

### Number and place value

#### Read, write, order and

- Compare numbers to at least 1,000,000 and determine the value of each digit.
- Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000.
- Read roman numerals to 1,000 (m) and recognise years written in roman numerals.
- Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero

### Number - addition and subtraction

- Add and subtract whole numbers with more than 4 digits, including using formal written methods.
- Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy
- Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.

### Statistics

- Complete, read and interpret information in tables, including timetables.
- Solve comparison, sum and difference problems using information presented in a line graph.

## Year 5 Curriculum Overview



# Space Explorers



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

### Entry point- New life discovered

Children will become a space explorer who has discovered an unknown planet which sustains life. They will explore and communicate back to those on Earth more about the planet and its inhabitants by providing detailed descriptions and explanations for how they survive.

#### 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 one area of Space at the end of the term.

They will plan, record and share their learning.

## Speaking, Listening & Drama Opportunities

- Students will plan, create and deliver their own Speaking and Listening presentations in class based on the topic 'Significant Individuals'
- Drama opportunities will be embedded throughout Writing lessons where children will act out character actions, thoughts and feelings

## Science

**SPACE EXPLORERS** – Students will:

- Know how to compare and represent the size of the planets and their distances from the Sun .
- Learn and describe the movements of the Earth, moon and planets relative to the sun in the solar system.
- Explore the concept of night and day and how this occurs.
- Represent the different phases of the moon.
- Conduct their own moon crater experiment

## Computing

**Students will continue to develop their critical thinking and problem-solving skills by:**

- Learning how to use Microsoft Teams effectively to manage online learning
- Using a range of applications to create and edit multimedia content
- Using technology safely, respectfully and responsibly, recognising valid sources of information

## Beginners Vietnamese

Students will learn to:

- Meet and greet friends and family in Vietnamese
- Count to 100
- Learn common names for animals, shapes, foods, and everyday items

## PSHE



### 'Being Me in My World'

Students will explore:

- How to face new challenges positively
- Rights and responsibilities
- Rewards and consequences
- How to contribute to a group and the school community
- How to empathise with others

## 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 Soviet Union during the Cold War.

## MFL/Vietnamese

### MFL (French or Spanish).

In MFL, Students will be able to:

- Tell the time in the target language.
- Use key verbs in the present tense.
- Discuss what they eat at different meals.
- Learn what traditional meals look like in France or Spain.

**Vietnamese.** Children will be taught:

- To describe characters and settings
- To retell an existing story.
- To tell a story/situation in real life.
- To convert a poem into a story.
- Develop their vocabulary and grammar during the lessons.

## Books we will be exploring

*The Jamie Drake Equation* by Christopher Edge.

A range of Non-Fiction books will be integrated into Science and Topic lessons to support learning about Space.

## Trips / Workshops

Year 5 will be investigating the night sky by using online planetariums

## P.E

### Swimming:

- Developing freestyle and Backstroke over 25 metres
- Diving and turns for the strokes
- Swimming under the water

### Invasion Games:

- Developing maintaining a regaining possession
- Creating and defending space
- Attacking and defending goals

### Striking Games:

- Hitting accurately with rackets, bats and sticks

### VSE:

- Physical literacy and fundamental movement skills

## Performing Arts

### Music:

- Explore music from around the world and develop musical language to describe what is happening in a piece

### Dance:

- Choreograph and perform dances inspired by Australia's Great Barrier Reef

## Art/ D&T

### Art:

- Use a wide variety of materials, forms and techniques to express emotions, observations and experiences.
- Communicate through visual and tactile form.

### DT

- Respond to identified needs, wants and opportunities with