

Our Learning Journey in Year 5 – Autumn Term 2026

In Literacy we will be learning:



- To write information texts about life in space and how animals have been used to explore space.
- To debate whether animals should be used to explore space and write a discussion text.
- To create settings and characters and writing with tension, in our own narrative texts.
- To write an explanation text for how Mars Rovers work and how we get day and night.
- To write a recount of our trip to Winchester Science Museum.
- To develop spelling, punctuation and grammar skills in daily sessions.
- To draft, redraft, proof-read and edit our writing.
- To explore a range of texts and develop our reading skills through text immersion and reading comprehension sessions.

In Numeracy we will be learning about:

- Place value: counting, ordering, comparing and rounding whole numbers up to 1,000,000, reading and writing Roman Numerals to 1000.
- Addition and subtraction of numbers with up to 4-digits using written and mental methods, rounding to estimate and using the inverse to check.
- Multiplication and division: factors, prime, square and cubed numbers, multiplying and dividing by 10, 100 and 1000.
- Dividing with remainders.
- Equivalent fractions.
- Improper fractions and mixed numbers.
- Comparing and ordering fractions.
- Adding and subtracting fractions.
- Developing fluency and recall of times table and related division facts.
- Problem solving and reasoning.

International Primary Curriculum (IPC) Topic – Mission To Mars

In History we will be learning about:

- Missions to Mars.
- The Space Race.
- How scientific ideas and evidence about the solar system have changed over time.
- Galileo Galilei, the importance of the telescope and how it changed astronomy.

In International we will be learning about:

- The International Space Station.

In Art we will be learning about:

- Developing drawing skills and colour work.
- Van Gogh and recreating 'Starry Night' in textiles.

In Music we will be learning about:

- Gustav Holst's 'The Planets Suite'.
- Note placement on the steel pans.

In Geography we will be learning about:

- The features on the surface of Mars.
- How features compare with similar features found on Earth.
- How these features may have formed.

In Technology we will be learning about:

- How to design, make and evaluate a Mars Rover prototype.

Local Community Links

- We will be visiting Winchester Science Museum and Planetarium.

National Community Links

- A focus on the United Kingdom as our home country.

International Community Links

- A focus on Russia as our host country.

In MFL we will be learning about:

- All about ourselves.

In Religious Education we will be learning about:

- What shapes a person's worldview?
- Why is the Bible important to some Christians in worship both in church and at home?

In Science we will be learning about:

- The force of gravity between Earth and objects
- The effect of friction between moving surfaces
- The effect of air resistance
- High and low water resistance
- The effects of levers
- Conducting scientific enquiries
- Controlling variables

In P.E we will be learning about:

- Swimming.
- Rounders.
- Football.

In RSHE we will be learning about:

- Emotions: How can we manage challenges?
- Healthy relationships: How can I be a great friend?
- Healthy relationships: Healthy, committed relationships

In ICT we will be learning about:

- Use of EXCEL to record, sort and present data.
- Use of Sketch.io digital art to recreate Van Gogh's 'Starry Night'.

Help at Home:

- Literacy and Maths homework will be set on a Friday and will be due in on a Wednesday.
- Practising times tables regularly at home.
- Reading regularly at home for a total of 90 minutes each week.

