



# Year 5 Learning Journey

Bright Futures Begin Here

This year your child will become increasingly independent in their learning. They will develop their problem-solving skills, think critically and apply their knowledge across a range of subjects and real-life situations. Through collaboration, enquiry and reflection, they will deepen their understanding of the world around them and grow in confidence as learners.

### 123 MATHEMATICS

- Work confidently with numbers up to 1 million.
- Develop efficient calculation and problem-solving skills.
- Explore fractions, decimals and percentages.
- Apply maths to real-life situations involving money, measurement and data.

### READING

- Read longer, more challenging texts with fluency and understanding.
- Explain ideas using evidence from the text.
- Compare books, authors and themes.
- Develop deeper inference and prediction skills.

### WRITING

- Write for different purposes and audiences.
- Use a range of sentence structures and punctuation accurately.
- Organise ideas into clear paragraphs.
- Edit and improve writing to create greater impact.

### TALKING & LISTENING

- Share ideas confidently and respectfully.
- Develop presentation and discussion skills.
- Ask thoughtful questions and build on the ideas of others.
- Adapt language for different audiences and purposes.

### SCIENCE

- Plan and carry out investigations independently.
- Explore Earth and Space and the life cycles of plants.
- Investigate materials, mixtures and chemical changes.
- Use evidence to explain and evaluate scientific ideas.



## HOW WE LEARN IN YEAR 5

These are the key areas your child will be learning about this year.

### MATHEMATICS

#### Number & Calculation

- Work with numbers up to 1,000,000.
- Use efficient written and mental methods for all four operations.
- Solve increasingly complex calculations and real-life problems.
- Estimate and check answers for accuracy.

#### Fractions, Decimals & Percentages

- Compare and order fractions.
- Convert between mixed numbers and improper fractions.
- Understand percentages and their links to fractions and decimals.

#### Measure, Geometry & Statistics

- Convert between units of measure and tell the time using analogue and digital clocks.
- Calculate perimeter and area.
- Investigate angles, coordinates and 3D shapes.
- Interpret and present information using tables.

### READING

#### Fluency & Understanding

- Read a wide range of age-appropriate books with confidence.
- Work out the meaning of unfamiliar vocabulary using context.
- Read aloud fluently with expression and understanding.

#### Comprehension Skills

- Retrieve information from fiction and non-fiction texts.
- Explain ideas using evidence from the text.
- Summarise key information.
- Make predictions and draw inferences.
- Compare books, authors and themes.
- Evaluate how authors use language and the impact on the reader.

### WRITING

#### Grammar & Sentence Structure

- Use simple, compound and complex sentences accurately.
- Use a wide range of punctuation correctly.
- Maintain a consistent tense.

#### Composition

- Write for different purposes and audiences.
- Organise ideas into paragraphs.
- Build cohesion within and across writing.
- Use increasingly ambitious vocabulary.

#### Editing & Presentation

- Review and improve writing for clarity and impact.
- Consider how language choices affect the reader.
- Develop accurate spelling and presentation skills.

### TALKING & LISTENING

#### Communication Skills

- Contribute thoughtful ideas to discussions.
- Listen respectfully and respond appropriately.
- Build on the ideas and viewpoints of others.
- Ask and respond to a range of questions, including inferential and evaluative questions.

#### Presentation & Performance

- Speak clearly, confidently and with expression.
- Adapt vocabulary and language to suit audience and purpose.
- Plan and deliver organised presentations.
- Select techniques to engage and influence the listener.

### SCIENCE

#### Working Scientifically

- Plan fair tests and controlled investigations.
- Record and analyse data using a range of methods.
- Identify patterns and draw conclusions.
- Evaluate investigations and suggest improvements.
- Apply scientific learning to real-life situations.

#### Plants & Life Cycles

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- Explore plant structures and functions.
- Understand reproduction and life cycles.

#### Earth & Space

- Learn about the Sun, Earth, Moon and solar system.
- Understand the movement of planets and the Moon.
- Explain the causes of day and night.

#### Materials & Changes

- Investigate mixtures and solutions.
- Separate materials using different methods.
- Explore reversible and irreversible changes.
- Understand how chemical changes create new materials.

## HOW YOU CAN HELP AT HOME

### READING

- Encourage daily reading, including longer novels and non-fiction texts.
- Discuss characters, themes and authors' choices.
- Ask your child to explain their thinking using evidence from the text.

### 123 MATHEMATICS

- Practise multiplication facts regularly.
- Use maths in everyday situations such as shopping, cooking and travel.
- Encourage problem-solving and reasoning.
- Ask your child to explain how they worked it out.

### WRITING

- Encourage writing for different purposes.
- Discuss ambitious vocabulary and interesting sentence choices.
- Support accurate punctuation and spelling.
- Celebrate effort and improvement.

### TALKING & LISTENING

- Encourage discussion and debate.
- Ask open-ended questions that require explanation.
- Support confident speaking and presentation skills.
- Listen and value your child's ideas.

### SCIENCE

- Encourage curiosity and questioning.
- Discuss scientific ideas seen in everyday life.
- Explore nature, space, technology and the wider world together.
- Visit museums, parks or science centres.

### WORKING TOGETHER

Children make the best progress when school and home work in partnership.

By encouraging resilience, independence, curiosity and problem-solving, you can help your child develop the confidence and skills they need for the future.

