



Year 6 Learning Journey

Bright Futures Begin Here

As they prepare for the next stage of their education, your child will build on the knowledge, skills and values developed throughout primary school. Year 6 encourages children to think independently, tackle complex problems, work collaboratively and apply their learning confidently in meaningful real-world contexts. Through increasing responsibility, resilience and leadership opportunities, pupils will develop the confidence and skills needed for a successful transition to secondary school and beyond.

123 MATHEMATICS

- Work confidently with numbers up to 1 million.
- Apply fractions, decimals and percentages in real-life situations.
- Solve multi-step problems using efficient methods.
- Explore ratio, proportion and algebra.
- Interpret data and use mathematical reasoning to justify answers.

READING

- Read a wide range of increasingly challenging texts.
- Use evidence to explain and justify ideas.
- Compare themes, characters and authors across books.
- Explore figurative language and author techniques.
- Summarise information and draw sophisticated inferences.

WRITING

- Write for a range of audiences and purposes.
- Develop cohesion across paragraphs and whole texts.
- Use ambitious vocabulary and varied sentence structures.
- Edit and improve writing independently.
- Adapt style and formality to suit different contexts.

TALKING & LISTENING

- Contribute confidently to discussions and debates.
- Build on the ideas and viewpoints of others.
- Present information clearly and effectively.
- Use appropriate vocabulary, tone and expression.
- Develop leadership and collaborative communication.

SCIENCE

- Design and evaluate scientific investigations.
- Use evidence to support conclusions.
- Explore the circulatory and respiratory systems.
- Investigate light, reflection and shadows.
- Understand Earth's structure, climate and natural processes.



Respect • Resilience • Ambition

HOW WE LEARN IN YEAR 6

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

MATHEMATICS

Number & Place Value

- Read, write and compare numbers up to 10 million.
- Use negative numbers in practical contexts.
- Apply place value knowledge to large numbers and decimals.

Calculation & Problem Solving

- Use efficient written and mental methods.
- Solve multi-step problems involving all four operations.
- Interpret remainders according to context.
- Use estimation to check answers.

Fractions, Decimals & Percentages

- Convert between fractions, decimals and percentages.
- Calculate percentages of quantities.
- Solve problems involving ratio and proportion.
- Use fractions and decimals in real-life situations.

Geometry, Measure & Statistics

- Calculate area and perimeter.
- Explore angles, circles and coordinates.
- Interpret line graphs and pie charts.
- Calculate and interpret averages.

READING

Fluency & Understanding

- Read confidently and independently across a range of genres.
- Use context to understand unfamiliar vocabulary.
- Read aloud fluently with expression and understanding.

Comprehension Skills

- Retrieve and organise information from texts.
- Explain ideas using evidence from the text.
- Summarise key information.
- Make predictions and draw inferences.
- Compare books, authors and themes.

WRITING

Grammar & Sentence Structure

- Write accurate simple, compound and complex sentences.
- Use a wide range of punctuation confidently.
- Apply grammar choices for effect.
- 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 & Improving

- Revise vocabulary and sentence structures.
- Improve clarity, organisation and impact.
- Edit independently for accuracy.

Handwriting & Spelling

- Maintain neat, fluent handwriting.
- Apply Year 5/6 spelling patterns and common exception words.

TALKING & LISTENING

Communication Skills

- Participate actively in discussions and collaborative tasks.
- Listen carefully and respond appropriately.
- Build on and challenge ideas respectfully.
- Use vocabulary and expression effectively.

Presentation & Creativity

- Present information confidently and clearly.
- Organise ideas logically.
- Adapt language for audience and purpose.
- Use resources effectively to support presentations.

SCIENCE

Working Scientifically

- Plan, carry out and evaluate investigations.
- Select suitable equipment and methods.
- Record and interpret data accurately.
- Draw evidence-based conclusions.
- Suggest improvements and future lines of enquiry.

Human Biology

- Explore the circulatory and respiratory systems.
- Understand healthy lifestyles and exercise.
- Compare animal life cycles and reproduction.

Physics

- Investigate light, reflection and shadows.
- Understand how light travels.
- Explain how shadows change.

Earth Science

- Explore Earth's structure and geological processes.
- Investigate natural disasters and plate tectonics.
- Understand climate and environmental change.

HOW YOU CAN HELP AT HOME

READING

- Encourage daily reading of novels, newspapers and non-fiction texts.
- Discuss themes, characters and author choices.
- Ask your child to explain and justify their opinions using evidence.
- Explore new vocabulary together.

123 MATHEMATICS

- Practise times tables regularly.
- Use real-life situations e.g. shopping, cooking and measuring.
- Discuss percentages, measurements and data in everyday life.
- Encourage logical thinking and problem-solving.
- Practise mental arithmetic and estimation skills.

WRITING

- Encourage writing for real purposes such as letters, lists and reports.
- Discuss audience and purpose.
- Support editing and proofreading skills.
- Celebrate creativity and independence.

TALKING & LISTENING

- Talk about your day and listen to their ideas.
- Ask open-ended questions that require explanation.
- Support confident speaking and speaking in pairs.
- Model active listening and respectful disagreement.

SCIENCE

- Discuss current events, technology and environmental issues.
- Encourage questioning and investigation.
- Explore science in everyday life.
- Visit museums, nature sites and community events where possible.



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.



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