National Curriculum Overview

Year 5



A guide to what your child will learn in Year 5, with key expectations and ideas for how you can support at home.

The Department for Education identifies seven aims for English in the primary National Curriculum:

1) Read fluently and with understanding.
2) Read widely and regularly for enjoyment and information.
3) Develop vocabulary, grammar and language knowledge.
4) Appreciate a rich variety of literature.
5) Write clearly and accurately for different audiences and purposes.
6) Use discussion to develop and explain understanding.
7) Develop effective speaking and listening skills, including presentations and debates.



Composition & Creativity

- Write confidently for different purposes and audiences
- Organise writing into clear, well-structured paragraphs
- Use descriptive vocabualry to engage the reader
- Plan, edit and improve writing independantly



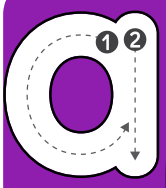
Grammar & Punctuation

- Use a range of sentence structures.
- Use relative clauses and expanded noun phrases to add detail
- Use commas, brackets, and dashes to add information
- Develop accuracy with punctuation and grammar



Spelling & Vocabulary

- Spell Year 5/6 statutory words with increasing accuracy
- Apply spelling rules, including prefixes and suffixes
- Choose ambitious and precise vocabulary
- Use dictionaries to check spelling and meanings



Handwriting & Presentation

- Write fluently, legibly, and with consistent letter formation
- Develop speed and stamina when writing
- Present work neatly and clearly



Independent

- Proofread for spelling and punctuation errors
- Improve vocabulary and sentence choices
- Evaluate and refine writing using feedback

The Department for Education identifies three aims for Maths in the primary National Curriculum:

1. Fluency – Become fluent in the fundamentals of mathematics through varied and frequent practice, developing conceptual understanding and the ability to recall and apply knowledge rapidly and accurately.

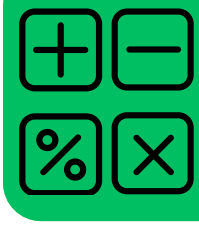
2. Mathematical reasoning – Reason mathematically by following a line of enquiry, understanding relationships and generalisations, and developing arguments, justifications or proofs using mathematical language.

3. Problem-solving – Solve problems by applying mathematics to routine and non-routine problems, breaking them into simpler steps and persevering in seeking solutions.



Number & Place Value

- Read, write and order numbers up to 1,000,000
- Understand the value of each digit
- Round numbers and compare quantities
- Use negative numbers in context



Mathematics Operations

- Use formal written methods for all four operations
- Multiply and divide numbers by 10, 100 and 1000
- Identify and use factors, multiples and orime numbers
- Solve multi-step problems, including real-life contexts

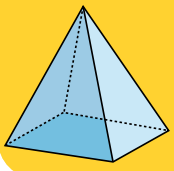
16/20 Fractions (Decimals & Percentages)

- Find and use equivalent fractions
- Compare and order fractions with different denominators
- add and subtract fractions
- Recognise and use decimals and percentages



Measurement

- Convert between units
- Calculate and compare the area and perimeter of shapes
- Read and use timetables and solve problems involving time



Geometry (Shape, Position & Direction)

- Identify and compare a range of 2D and 3D shapes
- Understand and use angles
- Describe position, movement and direction



Statistics

- Read, interpret and draw tables, timetables, graphs and charts
- Solve questions by comparing and analysing data

The National Curriculum outlines the key knowledge, skills and understanding that children are expected to develop throughout their primary education. This graphic provides a brief overview of the main learning expectations across the subjects taught in **Year 5**. This gives insight into the different areas of learning your child will experience, although specific topics and activities may vary depending on the school's curriculum.

English

- Read fluently and discuss texts
- Write for different puposes
- Improve spelling, punctuation and grammar

Maths

- Work with numbers up to 1 million
- Develop multiplication, division and fractions
- Explore decimals, percentage and measure

Science

- Explore forces, space and materials
- Life cycles and development
- Plan investigations

Geography

- Explore places, enviroments and physical features
- Develop map-reading skills and geographical skills

History

- Study significant historical periods and events
- Use evidence to understand how life has changed

Art

- Experiemnt with different artistic techniqies
- Develop creativity and evaluate artwork

D & T

- Design, make and evaluate products
- Develop practical skills, including cooking

Computing

- Develop coding and digital skills
- Learn about online safety and responsible use of technology

Music

- Perform, compose and listen to music
- develop rhythm and musical understanding

PE

- Develop skills in sports, games and movement
- Build teamwork, coordiantion and fitness

PSHE

- Explore relationships, wellbeing and healthy choices
- Develop confidence, responsibility and resilience

French

- Develop basic speaking, listening, reading and writing
- Build vocabulary and simple sentences

Religious Education

- Explore different religions and beliefs
- Develop respect and understanding of others

How can you support learning at home?

English - Writing

- **Read together** - a wide range of books, including fiction, non-fiction and poetry
- **Talk about what you read** - discuss characters, settings, events and opinions
- **Encourage writing** - a diary, story, letter, review or instructions
- **Spellings** - practise Year 5/6 spelling words.
- **Support editing** - encourage your child to check for spelling, punctuation and sentence meaning

Mathematics



- **Times Tables** - practise times tables and relate them to division
- **Use maths in everyday life** - shopping, cooking, travel or anything with numbers!
- **Explore numbers** - spot and talk about larger numbers, rounding and comparing
- **Solve problems** - encourage your child to explain their thinking
- **Build confidence** - praise effort, perseverance and checking answers

TOP TIPS

- **Encourage positivity** - value effort and resilience. Build positive relationships with learning
- **Open questions** - “How did you know?” or “Can you explain why?”
- **Give time and space** - allow time to think, try and make mistakes
- **Celebrate progress** - recognise and priase hard work!