

Reading Year 6

- Continuing to read an increasingly wide range of fiction, poetry, plays and non-fiction texts
- Reading fiction texts both modern and old and from other cultures and traditions
- Preparing poems and plays to read aloud and to perform showing understanding through intonation and volume
- Inferring characters' feelings from their actions and justifying inferences with evidence
- Discussing how authors use figurative language
- Distinguishing between fact and opinion

Children should be allowed to choose a book at school to take home with them to read and will still be reading with their teacher in groups once a week (this is called guided reading).

Try this at home:

- Choose a classic novel to read together (or listen to an audiobook) – even fluent readers can struggle with longer books so reading together can help bring it to life
- If you have younger children, suggest your older one reads to them. It will help with their reading aloud and expression
- Use technology – downloads and apps could inspire reluctant readers to try new authors
- Read appropriate newspaper articles and talk about fact and opinion in them.

Writing Year 6

- Using further prefixes and suffixes and understand the guidance for adding them
- Spelling some words with silent letters
- Learning the spelling of more difficult homophones (words which sound the same but are spelt differently)
- Using a dictionary and a thesaurus
- Understanding synonyms and antonyms
- Writing with neat, legible handwriting and with increasing speed
- Using the passive to affect the presentation of information in a sentence
- Using semi-colons, colons, dashes and hyphens
- Learning to select appropriate grammar and vocabulary
- Describing settings, characters and atmosphere in narratives
- Writing dialogue
- Structuring texts with a range of organisational devices, including time connectives, paragraphs, headings, bullet points, underlining
- Assessing and improving the effectiveness of their writing

Year 6 children are usually confident writers, able to express their ideas imaginatively and clearly, whether they are working on fiction, non-fiction or poetry.

Try this at home:

- Encourage your child to put together a yearbook for the end of primary school – include stories, pictures and interviews with pupils and teachers
- Suggest your child keeps a diary and writes in it regularly

Maths Year 6

Number and place value

- Reading, writing, ordering and comparing numbers to 10,000,000
- Calculating intervals across zero

Calculating

- Multiplying four-digit numbers by two-digit numbers using long multiplication
- Dividing four-digit numbers by two-digit numbers using long division
- Identifying common factors, common multiples and prime numbers
- Solving multi-step problems involving all four operations

Fractions, decimals and percentages

- Simplifying fractions
- Comparing and ordering fractions
- Adding and subtracting fractions with different denominators
- Multiplying pairs of proper fractions, giving the answer in its simplest form
- Dividing proper fractions by whole numbers
- Multiplying and dividing numbers by 10, 100 and 1000
- Multiplying one-digit numbers with up to two decimal places by whole numbers
- Using written division methods in cases where the answer has up to two decimal places

Ratio and proportion

- Finding percentages of amounts
- Solving problems involving shapes and scale factors

Algebra

- Using simple formulae
- Generating and describing linear number sequences
- Express missing number problems algebraically
- Find pairs of numbers that satisfy an equation with two unknowns

Measurement

- Converting between units of measurement, using decimal notation up to three decimal places

- Working out the perimeter and area of shapes (including parallelograms and triangles)
- Working out the volume of cubes and cuboids

Geometry

- Drawing a 2D shape using given dimensions and angles
- Finding unknown angles in any triangle, quadrilateral and regular polygon
- Illustrating and naming parts of circles, including radius, diameter and circumference
- Recognising angles where they meet at a point, are on a straight line or are vertically opposite
- Plotting coordinates on all four quadrants
- Drawing and translating simple shapes on the coordinate plane and reflecting them in the axes

Statistics

- Interpreting and constructing pie charts and line graphs and use these to solve problems
- Calculating and interpreting the mean as an average

Try this at home

When your child has homework, ask them to explain their methods. It will help both of you to get a clear idea of what's expected.

Encourage your child not to be afraid to ask for help from the teacher if something is proving particularly tricky.

If you're going on a journey, ask your child to look at a map and try to work out the distance you'll be travelling and the direction you'll take

For practice with money, try a game of Monopoly.

Encourage your child to estimate total prices, pay for items and work out change in shops.

Look at timetables, recipes, temperatures etc