

## 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