

# Year 6

**By the end of Year 6, children are expected to be able to do all of the following in Reading, Writing and Mathematics**

## **Reading**

### **Word Reading and Fluency**

Read age appropriate books with confidence and fluency including a whole novel.

Read aloud with intonation that shows understanding.

To work out the meaning of words using the context.

Is able to give an accurate definition of a word based on knowledge of prefixes and suffixes.

### **Comprehension**

Can explain and discuss their understanding of what they have read drawing on inference and justifying these with evidence.

Predict what might happen from details stated and implied.

Retrieve information from fiction and non fiction.

Summarise main ideas, identifying key details and using quotations for illustration.

Evaluate how authors use language, including figurative language, considering the impact on the reader.

Identify / explain how meaning is enhanced through choice of words and phrases.

Make comparisons within and across books.

## **Writing**

I can write for a range of purposes and audiences (including short stories).

I can describe settings, characters and create atmosphere.

I can integrate dialogue to convey character and advance the action.

I can select vocabulary and grammatical structures that reflect the level of formality required mostly correctly.

I can use a range of cohesive devices: adverbials, conjunctions, pronouns, synonyms - within and across sentences and paragraphs.

I can use passive verbs.

I can use modal verbs.

I can use inverted commas mostly correctly.

I can use commas for clarity mostly correctly.

I can use punctuation for parenthesis mostly correctly.

I can make some correct use of semi-colons.

I can make some correct use of dashes.

I can make some correct use of colons.

I can make some correct use of hyphens.

I can spell most words correctly (Years 5 and 6).

I can maintain legibility, fluency and speed in handwriting through choosing whether or not to join specific letters – at speed.

# Mathematics

## Number and Calculation

Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit.

Identify the value of each digit in numbers given to three decimal places.

Add and subtract whole numbers with more than four digits and decimal numbers using formal written methods.

Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication.

Multiply one-digit numbers with up to two decimal places by whole numbers.

To be able to divide numbers up to 4 digits by a two-digit number using a formal written method and interpret remainders as whole numbers, fractions or by rounding as appropriate to the context..

Perform mental calculations, including with mixed operations and large numbers.

Can calculate mentally, using efficient strategies such as manipulating expressions using commutative and distributive properties to simplify the calculation.

Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.

Solve multiplication and division multi step problems in context, deciding which operations and methods to use and why.

## Fractions, Ratio and Proportion

Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.

Solve problems involving the calculation of percentages and the use of percentages for comparison.

Calculate a fraction of an amount.

## Algebra

Use simple formulae in words and express missing number problems algebraically .

## Measures

Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate.

Solve problems involving converting units of time, including problems involving the duration of events.

Recognise when it is possible to use formulae for area and volume of shapes.

Calculate the area of parallelograms and triangles.

## Geometry

Find unknown angles in any triangles, quadrilaterals, and regular polygon.

To recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.