

## Year 5 English

Below are the key skills that year 5 pupils need to achieve in order to be working at national expectations.

### Reading

These skills need to be achieved across a range of book types and at the appropriate level of text

- Read fluently with intonation, expression, appropriate pace and use of pauses to entertain and maintain interest
- Try to notice mistakes in reading when reading higher level texts and sometimes correct them because the text doesn't make sense
- Scan text to find key words and phrases
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- Summarise the key points of a paragraph
- Summarise the main ideas drawn from more than one paragraph
- Explore the meaning of words in context and ask about the meanings of unknown words
- Make inferences such as inferring characters' feelings, thoughts and motives from their actions and sometimes find evidence to support this
- Sometimes give reasoned justifications for views based on evidence from the text
- Identify and discuss themes and conventions in a range of writing
- Find, record and present information from non-fiction texts

### Writing

- Spell an increasing range of homophones
- Use the first 3 letters of a word to check the spelling and meaning in a dictionary and when using a thesaurus
- Write legibly, fluently and with increasing speed by joining letters appropriately
- Expanded noun phrases to convey information concisely
- Use relative clauses beginning with who, which, where, whose
- Use commas in writing to make meaning clear alongside all punctuation expected in earlier years
- Use a wide range of devices to link ideas within paragraphs
- The connections within and between paragraphs are generally maintained through the use of ongoing references e.g. pronouns, adverbials and connecting words and phrases, consistent use of tense
- Identify the audience and purpose of writing and choose the appropriate form
- In stories settings, characters and atmospheres are described, using dialogue to inform the characterisation and to move action forward

**Evington Valley Primary School**  
Caring and Learning Together

# National Curriculum Age Related Expectations for Year 5 in Mathematics and English

## Year 5 Maths

Below are the key skills that year 5 pupils need to achieve in order to be working at national expectations.

### Number and Place Value

- Read, write, order and compare numbers to 1,000,000 determine value of each digit
- Read and write numbers to 1,000,000
- Count forwards and backwards in steps of 100, 1000, 10,000 for any given number up to 1,000,000
- Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000
- Estimate the answers to calculations involving addition, subtraction, multiplication and division
- Read Roman numbers to 1000 (M) and recognise years written in Roman numerals

### Addition and Subtraction

- Add and subtract whole numbers with up to 5 digits, including using formal written methods
- Add and subtract large numbers mentally

### Multiplication and Division

- Identify multiples, including common multiples, and factors including common factors
- Know and use vocabulary of prime numbers, prime factors and composite (non-prime) numbers
- Work out if a number up to 100 is a prime number and recall all prime numbers to 19
- Multiply numbers up to 4-digits by a 1 or 2-digit number using formal methods, including long multiplication
- Multiply and divide mentally, drawing on known facts
- Multiply and divide numbers by 10, 100 and 1000
- Recognise and use square numbers and square roots and symbols ( $^2$ ) and ( $\sqrt{\quad}$ )
- Solve word problems involving addition and subtraction, multiplication and division

### Fractions, Decimals and Percentages

- Compare and order fractions with different denominations
- Recognise mixed numbers and improper fractions and convert one form to the other
- Add and subtract fractions with the same denominator and related fractions
- Add 2 fractions with the same denominator that exceeds 1 whole, eg,  $\square + \square = 1 \square$
- Multiply proper fractions and mixed fractions by whole numbers
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- Recognise and use thousandths and relate them to tenths, hundreds and decimal equivalents
- Read, write, order and compare numbers with up to 3 decimal places
- Recognise the % symbol and understand that per cent relates to 'a part of a hundred'
- Write simple fractions as percentages and decimals as percentages (eg  $\frac{1}{2} = 50\% = 0.5$ )

## Year 5 Maths

### Geometry and Measures

- Measure angles in degrees and draw a given angle, writing its size in degrees
- Know angles are measured in degrees and identify right angles as  $\frac{1}{4}$  turn (total  $90^\circ$ ); straight line as half turn =  $180^\circ$ ; whole turn =  $360^\circ$ ; and reflex angles
- Recognise and compare different triangles, including isosceles, equilateral and right angles triangles
- Identify and name parallelogram; rhombus and trapezium
- Construct shapes from given dimensions: state and use properties of a square and rectangle
- Identify 3D shapes including cubes and cuboids from 2D representations
- Identify, describe and represent the position of a shape following a reflection or translation using appropriate vocabulary

### Measures

- Add, subtract, multiply and divide units of measure (e.g. length, mass, volume, money) using decimal notation
- Understand and use basic equivalence between metric and common imperial units and express them in approximate terms
- Measure force in Newtons (N)
- Calculate, estimate and compare the areas of squares, rectangles and related composite shapes using standard units, including cm squared ( $\text{cm}^2$ ) and metre squared ( $\text{m}^2$ )
- Recognise volume in practical contexts e.g. using sand and water,  $1\text{cm}^3$  blocks or inter-blocking to build cubes and cuboids

### Data

- Complete tables and bar graphs from given information and solve problems using data presented in bar graphs, tables and simple pie charts