

# End of Year Expectations for Year 4 for National Curriculum



## Year 4 Maths

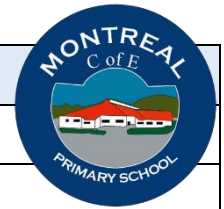
### Year 4 Number and Place Value

Number and Place Value	Addition and Subtraction	Multiplication and Division	Fractions
<p>Sufficient evidence shows the ability to:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Count in multiples of 6, 7, 9, 25 and 1000 find 1000 more or less than a given number.</li> <li><input type="checkbox"/> Count backwards through zero to include negative numbers.</li> <li><input type="checkbox"/> Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones). Order and compare numbers beyond 1000.</li> <li><input type="checkbox"/> Identify, represent and estimate numbers using different representations.</li> <li><input type="checkbox"/> Round any number to the nearest 10, 100 or 1000.</li> <li><input type="checkbox"/> Solve number and practical problems that involve all of the above and with increasingly large positive numbers.</li> <li><input type="checkbox"/> Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value.</li> </ul>	<p>Sufficient evidence shows the ability to:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.</li> <li><input type="checkbox"/> Estimate and use inverse operations to check answers to a calculation.</li> <li><input type="checkbox"/> Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.</li> </ul>	<p>Sufficient evidence shows the ability to:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Recall multiplication and division facts for multiplication tables up to <math>12 \times 12</math>.</li> <li><input type="checkbox"/> Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers.</li> <li><input type="checkbox"/> Recognise and use factor pairs and commutativity in mental calculations.</li> <li><input type="checkbox"/> Multiply two-digit and three-digit numbers by a one-digit number using formal written layout.</li> <li><input type="checkbox"/> Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as <math>n</math> objects are connected to <math>m</math> objects.</li> </ul>	<p>Sufficient evidence shows the ability to:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Recognise and show, using diagrams, families of common equivalent fractions count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.</li> <li><input type="checkbox"/> Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number.</li> <li><input type="checkbox"/> Add and subtract fractions with the same denominator.</li> <li><input type="checkbox"/> Recognise and write decimal equivalents of any number of tenths or hundredths.</li> <li><input type="checkbox"/> Recognise and write decimal equivalents to <math>\frac{1}{4}</math>, <math>\frac{1}{2}</math>, <math>\frac{3}{4}</math>.</li> <li><input type="checkbox"/> Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths.</li> <li><input type="checkbox"/> Round decimals with one decimal place to the nearest whole number.</li> <li><input type="checkbox"/> Compare numbers with the same number of decimal places up to two decimal places.</li> <li><input type="checkbox"/> Solve simple measure and money problems involving fractions and decimals to two decimal places.</li> </ul>

### Year 4 Geometry and Measures

Measures	Geometry - Properties of Shapes	Geometry - Position and Movement	Statistics
<p>Sufficient evidence shows the ability to:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Convert between different units of measure [for example, kilometre to metre; hour to minute].</li> <li><input type="checkbox"/> Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres.</li> <li><input type="checkbox"/> Find the area of rectilinear shapes by counting squares.</li> <li><input type="checkbox"/> Estimate, compare and calculate different measures, including money in pounds and pence.</li> <li><input type="checkbox"/> Read, write and convert time between analogue and digital 12- and 24-hour clocks.</li> <li><input type="checkbox"/> Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.</li> </ul>	<p>Sufficient evidence shows the ability to:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.</li> <li><input type="checkbox"/> Identify acute and obtuse angles and compare and order angles up to two right angles by size.</li> <li><input type="checkbox"/> Identify lines of symmetry in 2-D shapes presented in different orientations.</li> <li><input type="checkbox"/> Complete a simple symmetric figure with respect to a specific line of symmetry.</li> </ul>	<p>Sufficient evidence shows the ability to:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Describe positions on a 2-D grid as coordinates in the first quadrant.</li> <li><input type="checkbox"/> Describe movements between positions as translations of a given unit to the left/right and up/down.</li> <li><input type="checkbox"/> Plot specified points and draw sides to complete a given polygon.</li> </ul>	<p>Sufficient evidence shows the ability to:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.</li> <li><input type="checkbox"/> Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.</li> </ul>

## Year 4 Reading



### Word Reading

Sufficient evidence shows the ability to...

- ❑ Read with fluency a range of age-appropriate text types from those specified for YRs 3 and 4 (including fairy stories, myths and legends, poetry, plays and non-fiction books). Read at a speed sufficient for them to focus on understanding.
- ❑ Read most common exception words effortlessly, noting unusual correspondence between spelling and sound.
- ❑ Know the full range of GPCs, and use phonic skills consistently and automatically to address unfamiliar or challenging words.
- ❑ Determine the meaning of new words by sometimes applying knowledge of root words and their affixes e.g. information, invasion, enclosure, mountainous.
- ❑ Prepare poems and play scripts to read aloud and perform. Demonstrate understanding by using appropriate intonation and volume when reciting or reading aloud.

### Comprehension

Sufficient evidence shows the ability to...

- ❑ Fully engage with and enjoy reading a range of texts, making choices and explaining preferences; know some text types; talk about books enjoyed both in and out of school, making textual references.
- ❑ Listen to, discuss and express views about a wide range of fiction (including fairy stories, myths and legends over the two-YR cycle), poetry (including those read aloud and performed) and plays. Begin to justify comments.
- ❑ Listen to and discuss a range of non-fiction and reference or text books, that are structured in different ways; recognise typical presentational features.
- ❑ Identify themes and conventions in a range of books e.g. identify a theme of 'recycling' or 'changes in leisure activities'; recognise the conventions of a myth or play script; know how information is signposted in reference books.
- ❑ Recognise several different forms of poetry, such as free verse, rhyming, shape, narrative, humorous; explain their differences.
- ❑ Draw inferences and justify with evidence e.g. characters' feelings, thoughts and motives, from their actions or words. Draw comparisons. Predict what might credibly happen from details stated and implied.
- ❑ Explain the meaning of words in context; use dictionaries to check meanings.
- ❑ Check the text makes sense, reading to the punctuation and habitually re-reading.
- ❑ Explain and discuss their understanding of the text e.g. describe a sequence of events; the way a character changes through the story; the reason why Lucy is upset when Edmund lies; the different ways to make a cake.
- ❑ Identify and summarise main ideas drawn from more than one paragraph e.g. a poem about funny relatives; a persuasive message to recycle rubbish.
- ❑ Retrieve and record information from non-fiction texts.
- ❑ Identify how language, structure and presentation contribute to meaning e.g. that the word 'threatening' means that the storm is close and could be dangerous; the introduction leads you into the text; each paragraph tells you about a different character.
- ❑ Discuss words and phrases that capture the reader's interest and imagination.
- ❑ During discussion about texts, ask relevant questions to improve their understanding; take turns and build on what others have to say.

## Year 4 Writing

### Transcription

#### Spelling

Sufficient evidence shows the ability to...

- ❑ Write from memory, simple dictated sentences which include familiar GPCs, common exception words and punctuation.
- ❑ Use knowledge of morphology to spell words with prefixes e.g. in-, il-, im-, re-, sub-, inter-, auto-.
- ❑ Add suffixes which begin with a vowel e.g. forget, forgetting. Add suffixes -sion, -ous, -cian and -ly e.g. completely, basically.
- ❑ Write words spelt ch e.g. scheme, chemist, chef.
- ❑ Spell most homophones in the YR 3-4 spelling appendix e.g. accept, except; scene, seen.
- ❑ Use apostrophes to mark singular and plural possession e.g. the girl's name; the girls' names; include irregular plurals e.g. children's bags.
- ❑ Spell the majority of words from the YR 3-4 word list.

#### Handwriting Evidence:

- ❑ Writing is legible.
- ❑ All letters and digits are consistently formed and of the correct size, orientation and relationship to one another.
- ❑ Writing is spaced sufficiently so that ascenders and descenders do not meet.
- ❑ Appropriate letters are joined consistently.

### Composition

#### Composition: structure and purpose

Sufficient evidence shows the ability to...

- ❑ Discuss and develop initial ideas in order to plan and draft before writing.
- ❑ Write to suit purpose and with a growing awareness of audience, using some appropriate features.
- ❑ Organise writing into sections or paragraphs, including fiction and non-fiction.
- ❑ Appropriately use a range of presentational devices, including use of title and subheadings.
- ❑ Use dialogue, although balance between dialogue and narrative may be uneven.
- ❑ Describe characters, settings and plot, with some interesting details.
- ❑ Evaluate own and others' writing; proof read, edit and revise.

#### Vocabulary, grammar and punctuation

Sufficient evidence shows the ability to...

- ❑ Write a range of sentence types which are grammatically accurate e.g. commands, questions and statements. Experiment with sentences with more than one clause.
- ❑ Use a variety of connectives to join words and sentences e.g. or, but, if, because, when, although. Use time connectives.
- ❑ Vary sentence openers, changing the pronoun e.g. He / Jim, or with a fronted adverbial e.g. Later that day, he...
- ❑ Use expanded noun phrases and adverbial phrases to expand sentences.
- ❑ Use sentence demarcation with accuracy, including capital letters, full stops, question marks and exclamation marks; commas to separate items in lists, and for fronted adverbials.
- ❑ Use inverted commas accurately for direct speech.
- ❑ Identify the correct determiner e.g. a, an, these, those.
- ❑ Usually use the past or present tense, and 1<sup>st</sup>/3<sup>rd</sup> person, consistently.

