

# Mathematics

Year 5 pupils should be able to:

- Understand place value, including large numbers (up to 1 000 000) decimals and negative numbers
- Multiply and divide whole numbers and decimals by 10, 100 and 1000
- Solve problems involving place value and rounding up to 3 decimal places
- Use formal written methods for addition and subtraction (with more than 4 digits)
- Use efficient strategies to calculate mentally, using instant recall of all multiplication facts up to  $12 \times 12$
- Recall multiplication and division facts up to  $12 \times 12$
- Multiply numbers up to 4 digits by a one or two digit number, using a formal written method, using long multiplication
- Divide numbers ( $4 \times 1$  digit) using short division and interpret remainders appropriately
- Solve multi step word problems involving addition, subtraction, multiplication and division
- Compare and order fractions with different denominators
- Add and subtract fractions with the same denominator
- Multiply fractions and mixed numbers by whole numbers
- Understand percentages and write percentages as a fraction with a denominator of 100 and as a decimal
- Convert between a range of different units of metric measure
- Use all four operations to solve problems involving measures and time
- Know the properties of a range of 2D and 3D shapes, including regular and irregular polygons
- Find area and perimeter of composite rectilinear shapes by calculating
- Estimate, compare and draw angles



# Holbrook Primary School



## End of Year Expectations

### Year 5

This booklet provides information for parents and carers on the key objectives for English and Mathematics that we expect children to achieve by the end of the school year.

All the objectives will be worked on throughout the year and will be the focus of direct teaching. Any extra support you can provide in helping your children to achieve these is greatly valued.

If you have any queries regarding the content of this booklet or want support in knowing how best to help your child, please talk to your child's teacher.

# Reading

Year 5 pupils should be able to:

- Apply a growing knowledge of taught root words, prefixes and suffixes to read aloud and to understand the meaning of new words
- Read some of the words from the Y5/6 word list
- Read age appropriate books accurately and fluently
- Decode most new words accurately in age appropriate books
- In books they can read independently, discuss their understanding and explain the meaning of words in context
- In books they can read independently, ask questions to improve their understanding and make inferences, justifying them with evidence
- In books they can read independently, predict what might happen from details stated and implied
- Begin to discuss and evaluate how authors use language, including figurative language, considering the impact on the reader
- Maintain positive attitudes to reading by reading and discussing an increasingly wide range of texts



# Writing

Year 5 pupils should write for a range of audiences and purposes.

They should be able to:

- Write effectively for a range of purposes and audiences, selecting language that shows an awareness of the reader (e.g first person for diary, direct address in instructions, persuasive writing)
- Describe settings and characters in a wide range of ways, including expanded noun phrases, adverbs and preposition phrases
- Use some devices to build cohesion (e.g then, after that, firstly and who, which, where, when etc.), using a range of sentence structures, including co-ordinating and subordinating conjunctions
- Use verb tenses and different verb forms accurately including present perfect (i.e He has gone), progressive (i.e She was singing) and modal verbs (i.e might, should, will, must)
- Use paragraphs consistently and correctly to organise ideas
- Use capital letters, full stops, question marks, exclamation marks and apostrophes for contraction and possession mostly correctly to clarify meaning and avoid ambiguity. Use brackets, dashes or commas to indicate parenthesis
- Use direct speech and punctuate it correctly using inverted commas and other punctuation within speech
- Spell some relevant words from the Y5/6 list and words containing taught spelling patterns (and many of the Year 3 and 4 common exception words correctly) and use a dictionary to check the spelling of uncommon or more ambitious vocabulary.
- Produce legible joined handwriting consistently

