

Mathematics

- Understand place value, including large numbers (up to 10 000 000) and decimals and use negative numbers in context
- Multiply and divide numbers by 10, 100 and 1000, giving answers up to 3 decimal places
- Solve problems involving place value and rounding to a required degree of accuracy
- Use formal written methods for addition and subtraction (up to 3 decimal places)
- Use efficient strategies to calculate mentally, using commutative and distributive properties
- Recall multiplication and division facts up to 12×12
- Multiply numbers up to 4 digits by 2 digits using long multiplication
- Divide numbers up to 4 digits using a 2 digit number, using the formal method of long division and interpret the remainder as appropriate for the context
- Solve multi step word problems involving addition, subtraction, multiplication and division
- Add and subtract fractions with different denominations and mixed numbers
- Multiply pairs of proper fractions and write the answer in its simplest form; divide fractions by whole numbers
- Recognise the relationship between fractions, decimals and percentages, expressing them as equivalent quantities.
- Solve problems involving the calculation and conversion of units of measure up to 3 decimal places with measures
- Solve problems involving ratio and proportion
- Use letters to represent variables in a variety of mathematical situations
- Compare and classify geometric shapes based on their properties and sizes
- Calculate, estimate and compare volume of cubes and cuboids
- Use mathematical reasoning to find missing angles



Holbrook Primary School



End of Year Expectations

Year 6

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

All children should read age-appropriate books with confidence and fluency (including whole novels). They 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 most 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
- 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

All children should be able to write for a range of purposes and audiences (including writing a short story). In their writing they should be able to:

- Write effectively for a range of purposes and audiences, selecting language that shows a good awareness of the reader (e.g first person for a diary, direct address for instructions, persuasive writing etc.) and the contracted form in dialogues in narrative
- In narratives, describe settings, character and atmosphere
- Use a range of devices to build cohesion within and across paragraphs (e.g conjunctions, adverbials of time and place, pronouns, synonyms)
- Use a range of verb tenses and different verb types consistently and correctly throughout their writing including passive (i.e – It was eaten by our dog), present perfect (i.e He has gone), progressive (i.e She was singing. He has been singing) and modal verbs i.e might, should, will, must
- Use paragraphs consistently and correctly to organise ideas
- Use the range of punctuation taught at KS2 mostly correctly (e.g inverted commas and other punctuation to indicate direct speech
- Integrate dialogue in narratives to convey character and advance the action
- Spell correctly most words from the Y5/6 spelling list (and ALL previous spelling patterns, words from the Y3/4 list and the Y1/2 common exception words) and use a dictionary to check the spelling of uncommon or more ambitious vocabulary
- Maintain legibility in joined handwriting when writing at speed

