

MATHS



Every Child Matters Academy Trust
Children at the heart



Wombwell Park Street Primary School



Working at the Expected Standard Year 6

Place Value	1. I can read, write, order and compare numbers up to 10 000 000 and determine the value of each digit 2. I can solve number and practical problems that involve place value, rounding, negative numbers etc..
Addition, Subtraction, Multiplication and Division	3. I can multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication 4. I can divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context 5. I can perform mental calculations, including with mixed operations and large numbers 6. I can use my knowledge of the order of operations to carry out calculations involving the four operations. 7. I can solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why 8. I can solve problems involving addition and subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign 9. I can add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions 10. I can multiply simple pairs of proper fractions, writing the answer in its simplest form 11. I can divide proper fractions by whole numbers 12. I can associate a fraction with division and calculate decimal fraction equivalents [for example, 0.375] for a simple fraction 13. I can multiply one-digit numbers with up to two decimal places by whole numbers 14. I can use written division methods in cases where the answer has up to two decimal places 15. I can solve problems which require answers to be rounded to specified degrees of accuracy 16. I can recall and use equivalences between simple fractions, decimals and percentages, including in different contexts
Fractions, Percentages and Decimals	17. I can solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate 18. can use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places 19. I can recognise when it is possible to use formulae for area and volume of shapes 20. I can calculate the area of parallelograms and triangles 21. I can calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm3) and cubic metres (m3), and extending to other units [for example, mm3 and km3]
Measurement	22. I can compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons. 23. I can recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles
Shape	24. I can solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360°] and the use of percentages for comparison 25. I can solve problems involving unequal sharing and grouping using knowledge of fractions and multiples
Ratio and Algebra	26. I can use simple formulae

READING



Decoding	Confident in BLACK or FREE READER
Sustain positive attitudes to reading	1. continuing to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbooks
	2. confidently read books that are structured in different ways and for a range of purposes
	3. make comparisons within and across books
Independent Comprehension	4. prepare poems and plays and stories to read aloud and to perform, showing understanding through accurate intonation, tone and volume so that the meaning is clear to an audience
	5. reading stories with intonation and relevant expression
	6. checking that the book makes sense to them, discussing their understanding and continue exploring the meaning of words in context
	7. summarising the main ideas drawn from more than one paragraph, identifying key details that support the main ideas
	8. evidencing how language, structure and presentation contribute to meaning
	9. discuss and evaluate how authors use language, including figurative language, considering the impact on the reader

WRITING



Each child must be able to meet these standards across a wide range of genre i.e. story, persuasion, recount, report etc...	
Planning	1. describing settings and characters
	2. creating atmosphere that includes dialogue to show a characters mood/feeling/ideas
	3. in narratives, describing settings and characters
Punctuation	4. marking sentences correctly with: capital letters and full stops, question marks, exclamation marks
	5. correct use of: commas for lists, after fronted adverbials*, apostrophes for possession and contraction, direct speech
	• mostly correct use of:
	6. speech marks
	7. commas for clarity
	8. punctuation for parenthesis (brackets used around an aside ideas/fact, or something less important point)
	• making some correct use of:
	9. semi-colons (shows a longer pause ;)
	10. dashes (can be used to show a pause, or to link two words
	11. colons (used before a list :)
	12. hyphens (can be used to show a pause, or to link two words -)
Grammar	13. selecting vocabulary and sentence structures that show the level of formality required mostly correctly
	14. using a range of phrases, words and sentences including adverbials, within and across sentences and paragraphs
	15. using passive and modal verbs mostly appropriately
	16. using a wide range of clause structures, sometimes varying their position within the sentence
Spelling	17. using adverbs, preposition phrases and expanded noun phrases effectively to add detail and precision
	18. spelling words correctly* (year 3 and 4)
Handwriting	19. spelling most words correctly* (year 5 and 6)
	20. maintaining legibility, fluency and speed in handwriting through choosing whether or not to join specific letters.