

**CHRIST CHURCH NEW MALDEN *BECOMING THE PEOPLE GOD MADE US TO BE***

**YEAR 6**

**READING, WRITING & MATHS**



## Word reading

1. I can apply knowledge of root words, prefixes and suffixes to read aloud and to understand the meaning of unfamiliar words.
2. I use my combined knowledge of phonemes and word derivations to pronounce words correctly, e.g. arachnophobia.
3. I attempt the pronunciation of unfamiliar words drawing on my prior knowledge of similar looking words.
4. I can read fluently, using punctuation to inform meaning.

## Comprehension

5. I am familiar with and can talk about a wide range of books and text types, including myths, legends and traditional stories and books from other cultures and traditions. I can discuss the features of each.
6. I can read books that are structured in different ways.
7. I can recognise texts that contain features from more than one text type.
8. I can evaluate how effectively texts are structured and presented.
9. I can read non-fiction texts to help with my learning.
10. I read accurately and check that I understand.
11. I can recommend books to others and give reasons for my recommendation.
12. I can identify themes in texts.
13. I can identify and discuss the conventions in different text types.
14. I can identify the key points in a text.
15. I can recite a range of poems by heart, e.g. narrative verse, sonnet.
16. I can prepare poems and plays to read aloud and to perform, showing understanding through intonation, tone, volume and action.

## Transcription

### Spelling

1. I can convert verbs into nouns by adding a suffix.
2. I can distinguish between homophones and other words which are often confused.
3. I can spell the commonly mis-spelt words from the Y5/6 word list.
4. I understand that the spelling of some words need to be learnt specifically.
5. I can use any dictionary or thesaurus.
6. I use a range of spelling strategies.

### Handwriting

7. I can choose the style of handwriting to use when given a choice.
8. I can choose the handwriting that is best suited for a specific task.

## Composition

9. I can identify the audience for and purpose of the writing.
10. I can choose the appropriate form and register for the audience and purpose of the writing.
11. I use grammatical structures and features and choose vocabulary appropriate to the audience, purpose and degree of formality to make meaning clear and create effect.
12. I use a range of sentence starters to create specific effects.
13. I can use developed noun phrases to add detail to sentences.
14. I use the passive voice to present information with a different emphasis.
15. I use commas to mark phrases and clauses.
16. I can sustain and develop ideas logically in narrative and non-narrative writing.
17. I can use character, dialogue and action to advance events in narrative writing.
18. I can summarise a text, conveying key information in writing.

## Grammar and punctuation

### Sentence structure

19. I can use the passive voice.
20. I vary sentence structure depending whether formal or informal.

### Text structure

21. I can use a variety of organisational and presentational devices correct to the text type.
22. I write in paragraphs which can clearly signal a change in subject, time, place or event.

### Punctuation

23. I can use the semi-colon, colon and dash.
24. I can use the colon to introduce a list and semi-colon within lists.
25. I can use a hyphen to avoid ambiguity.

## Number and place value

1. I can read, write, order and compare numbers up to 10,000,000.
2. I can determine the value of each digit in numbers up to 10,000,000.
3. I can round any whole number to a required degree of accuracy.
4. I can use negative numbers in context, and calculate intervals across zero.
5. I can solve number problems and practical problems with the above.

## Calculations

6. I can use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy.
7. I can solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.
8. I can identify common factors, common multiples and prime numbers.
9. I can perform mental calculations, including with mixed operations and large numbers.
10. I can multiply multi-digit numbers up to 4 digits by a 2 digit whole number using the formal written method of long multiplication.
11. I can divide numbers up to 4 digits by a 2 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.
12. I can divide numbers up to 4 digits by a 2 digit number using the formal written method of short division where appropriate.
13. I can solve problems involving addition, subtraction, multiplication and division.
14. I can use my knowledge of the order of operations to carry out calculations involving the four operations.
15. I can recognise mixed numbers and improper fractions and convert from one form to the other.
16. I can write mathematical statements  $>1$  as a mixed number.
17. I can identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths.
18. I can compare and order fractions whose denominators are multiples of the same number.

## Fractions, decimals and percentages

19. I can use common factors to simplify fractions and use common multiples to express fractions in the same denomination.
20. I can compare and order fractions, including fractions  $>1$ .
21. I can add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions.
22. I can multiply simple pairs of proper fractions, writing the answer in the simplest form.
23. I can divide proper fractions by whole numbers.
24. I can associate a fraction with division to calculate decimal fractions equivalents for a simple fraction.
25. I can identify the value of each digit to 3 decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to 3 decimal places.
26. I can multiply 1-digit numbers with up to 2 decimal places by whole numbers.
27. I can use written division methods in cases where the answer has up to 2 decimal places.
28. I can solve problems which require answers to be rounded to specified degrees of accuracy.

29. I can recall and use equivalences between simple fractions, decimals and percentages, including in different contexts **Ratio and proportion**
30. I can solve problems involving the relative sizes of two quantities, where missing values can be found using integer multiplication and division facts.
31. I can solve problems involving the calculation of percentages and the use of percentage comparisons.
32. I can solve problems involving similar shapes where the scale factor is known or can be found.
33. I can solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.

## Measurement

34. I 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 of up to 3 decimal places.
35. I can convert between miles and kilometres.
36. I recognise that shapes with the same areas can have different perimeters and vice versa.
37. I can calculate the area of parallelograms and triangles.
38. I recognise when it is possible to use the formulae for the area of shapes.
39. I can calculate, estimate and compare volume of cubes and cuboids, using standard units.
40. I recognise when it is possible to use the formulae for the volume of shapes.
41. I can solve problems involving the calculation and conversion of units of measure, using decimal notation up to 3 decimal places where appropriate.

## Geometry – properties of shapes

42. I can compare and classify geometric shapes based on the properties and sizes.
43. I can describe simple 3D shapes.
44. I can draw 2D shapes given dimensions and angles.
45. I recognise and build simple 3D shapes, including making nets.
46. I can find unknown angles in any triangles, quadrilaterals and regular polygons.
47. I recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.
48. I can illustrate and name parts of circles, including radius, diameter and circumference.
49. I know the diameter is twice the radius.

## Geometry – position and direction

50. I can draw and translate simple shapes on the co-ordinate plane, and reflect them in the axes.
51. I can describe positions on the full co-ordinate grid (all four quadrants).

## Statistics

52. I can interpret and construct pie charts and line graphs and use these to solve problems
53. I can calculate and interpret the mean as an average.