



# In Year 5



	You can ...	
1	Interpret negative numbers in context	
2	Read Roman numerals to 1000, including years	
3	Recognise and use square and cube numbers, and know the notation	
4	Use rounding to check answers and determine accuracy	
5	Identify multiples and factors, including finding factor pairs and common factors	
6	Use vocabulary: prime numbers, prime factors and composite numbers	
7	Know prime numbers up to 19	
8	Multiply and divide numbers by 10, 100 or 1000, including decimals	
9	Use long multiplication for multiplying numbers of up to 4 digits by one or two digits	
10	Divide numbers using standard written short division	
11	Convert between mixed numbers and improper fractions	
12	Compare and order fractions whose denominators are multiples of the same number	
13	Identify, name and write equivalent fractions including tenths and hundredths	
14	Add and subtract fractions with denominators that are multiples of the same number	
15	Multiply proper fractions and mixed numbers by whole numbers with support	
16	Read and write decimal numbers as fractions	
17	Round decimals with 2 decimal places to whole number or to one decimal place	
18	Read, write, order and compare numbers with up to 3 decimal places	
19	Recognise % symbol and explain as a fraction with denominator 100 (parts out of 100)	
20	Understand and use common approximate conversions between metric and imperial	
21	Measure and calculate the perimeter of composite rectilinear shapes	

22	Calculate the area of rectangles, and estimate the area of irregular shapes	
23	Use the properties of rectangles to find missing lengths and angles	
24	Distinguish between regular and irregular polygons	
25	Identify 3-d shapes from 2-d representations	
26	Know angles are measured in degrees and compare acute, obtuse and reflex angles	
27	Draw and measure angles to the nearest degree	
28	Identify angles at a point, in a turn and on a straight line	
29	Describe and represent the result of a reflection or translation	
30	Complete, read and interpret information in tables, including timetables	



# In Year 6



	You can ...	
1	Use negative numbers to calculate intervals across zero	
2	Divide numbers using long division, interpreting the remainders as appropriate	
3	Use order of operations to carry out calculations	
4	Use common factors to simplify fractions	
5	Compare and order fractions of any size	
6	Add and subtract fractions with different denominators and mixed numbers	
7	Multiply simple pairs of proper fractions	
8	Divide proper fractions by whole numbers	
9	Calculate decimal fraction equivalents for simple fractions	
10	Multiply a number with up to two decimal places by whole numbers	
11	Use written division with answers of up to two decimal places	
12	Solve problems involving the calculation of percentages	
13	Recall and use equivalences between fractions, decimals and percentages	
14	Solve problems using ratio using multiplication and division facts	
15	Solve problems involving similar shapes where the scale factor is known	
16	Solve problems involving proportion, using knowledge of fractions and multiples	
17	Use simple formulae	
18	Generate and describe linear number sequences	
19	Express missing number problems algebraically	
20	Convert units of measure between smaller and larger units	
21	Convert between miles and kilometres	
22	Calculate the area of parallelograms and triangles	
23	Calculate and compare volume of cubes and cuboids	
24	Illustrate and name parts of a circle	
25	Finding missing angles in triangles, quadrilaterals and regular polygons	
26	Recognise vertically opposite angles and find missing angles	
27	Describe positions on the full co-ordinate grid	

28	Translate shapes on a co-ordinate grid and reflect in the axes	
29	Construct and interpret pie charts	
30	Calculate the mean as an average	