

Maths Objectives: Year 1

Key Objectives			
Can I count to and across 100, forwards and backwards, starting with any number?			
Can I read and write the numbers to 100?			
Can I recall and use addition and subtraction facts to 10 fluently?			
Can I recognise odd and even numbers?			
Can I recognise, find and name $\frac{1}{2}$?			
Can I tell the time to the hour and half past the hour on a clock face?			
Can I name rectangles, squares, circles, triangles, cuboids, pyramids and spheres?			

Core Objectives			
Can I read and write numbers to 100?			
Can I identify one more and one less than a given number?			
Can I use more than $>$, less than $<$ and equals $=$?			
Can I count in multiples of twos, fives and tens?			
Can I add and subtract one-digit and two-digit numbers to 20, including zero?			
Can I solve one step problems involving addition and subtraction?			
Can I solve missing number problems?			
Can I recognise, find and name $\frac{1}{4}$?			
Can I solve practical problems for lengths, mass, capacity and time?			
Can I recognise and know the value of different denominations of coins and notes?			
Can I recognise and use the language of days of the week, weeks, months and years?			
Can I describe position, direction and movement, including whole, half, quarter and three-quarter turns?			

Maths Objectives Year 2

Key Objectives			
Can I recognise the place value of each digit in a two-digit number and partition two-digit numbers?			
Can I recall and use addition and subtraction facts to 20 fluently?			
Can I recall and use multiplication and division facts for the 2, 5 and 10 times tables?			
Can I recognise odd and even numbers?			
Can I recognise and write the fractions $\frac{1}{2}$ $\frac{1}{4}$ $\frac{3}{4}$ and $\frac{1}{3}$?			
Can I tell and write the time to five minutes, including quarter past and quarter to the hour?			
Can I find different combinations of coins that equal the same amounts of money?			
Can I describe properties of 2-d and 3-d shapes, naming edges, vertices and faces?			
Can I name tally charts, tables and pictograms?			

Core Objectives			
Can I compare and order numbers to 100?			
Can I count in multiples of 2 and 5?			
Can I count on and back in tens from any two-digit number?			
Can I add three one-digit numbers?			
Can I add and subtract mentally a two-digit number and ones or tens?			
Can I solve problems with addition and subtraction using concrete objects and pictorial representations?			
Can I use < and > and = signs correctly?			
Can I solve problems with addition and subtraction?			
Can I solve missing number problems, checking with the inverse operation?			
Can I solve multiplication and division problems?			
Can I find fractions $\frac{1}{2}$ $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a number?			
Can I choose standard units for length (m/cm); mass (kg/g); temperature ($^{\circ}$ C); capacity (litres/ml)?			
Can I solve problems in a practical context involving addition and subtraction of money in the same unit including giving change?			
Can I use mathematical vocabulary to describe position, direction and movement and use quarter, half and three-quarter turns (clockwise and anti-clockwise)?			
Can I interpret and construct simple pictograms, tally charts, block diagrams and simple tables?			
Can I ask and answer questions about data?			

Maths Objectives Year 3

Key Objectives			
Can I recognise the place value of each digit in a three-digit number and partition three-digit numbers?			
Can I add and subtract numbers mentally - a three-digit number and ones, tens or hundreds?			
Can I recall and use multiplication and division facts for the 10, 5, 2, 3, 4 and 8 multiplication tables?			
Can I recognise and use unit fractions and non-unit fractions with small denominators?			
Can I estimate and read time to the nearest minute?			
Can I identify right angles?			
Can I draw bar charts?			

Core Objectives			
Can I compare and order numbers to 1000?			
Can I exchange 10 ones for a ten and 10 tens for a hundred and vica versa?			
Can I read scales marked in multiples of 100 with 2, 4, 5 and 10 equal parts?			
Can I find two numbers with a total of 100?			
Can I add and subtract numbers with up to three digits, using column addition and subtraction?			
Can I solve missing number problems?			
Can I solve problems involving addition and subtraction			
Can I solve problems involving multiplication and division?			
Can I recognise and show equivalent fractions with small denominators using diagrams?			
Can I solve problems with fractions?			
Can I measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)?			
Can I compare the duration of events?			
Can I measure the perimeter of simple 2-D shapes?			
Can I identify whether angles are greater than or less than a right angle?			
Can I add and subtract amounts of money to give change, using both £ and p in practical contexts?			
Can I solve questions using information presented in scaled bar charts, pictograms and tables?			

Maths Objectives Year 4

Key Objectives			
Can I recognise the place value of each digit in a four-digit number?			
Can I count backwards through zero to include negative numbers?			
Can I add and subtract numbers mentally – a three-digit number and ones, tens or hundreds			
Can I solve missing number problems?			
Can I recall multiplication and division facts for multiplication tables up to 12x12?			
Can I add and subtract fractions with the same denominator?			
Can I read, write and convert time between analogue and digital 12- and 24-hour clocks?			
Can I identify acute and obtuse angles?			
Can I understand time graphs?			

Core Objectives			
Can I count in multiples of 6, 7, 9, 25 and 1000?			
Can I round any number to the nearest 10, 100 and 1000?			
Can I read Roman numerals to 100?			
Can I read scales marked in multiples of 1000 with 2, 4, 5 and 10 equal parts?			
Can I add and subtract numbers using the formal written methods?			
Can I solve addition and subtraction two-step problems?			
Can I solve division problems involving remainders?			
Can I solve problems involving fractions?			
Can I round decimals with one decimal place to the nearest whole number?			
Can I solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days?			
Can I convert between different units of measure eg kilometre to metre; hour to minute?			
Can I measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres?			
Can I identify lines of symmetry in two dimensional shapes presented in different orientations?			
Can I plot specified points and draw sides to complete a given polygon?			
Can I interpret discrete and continuous data from graphs?			

Maths Objectives Year 5

Key Objectives			
Can I read, write and order numbers to at least 1,000,000 and those with up to 2 decimal places, determining the value of each digit?			
Can I use rounding to check answers?			
Can I count forwards and backwards with positive and negative whole numbers including through zero?			
Can I use rounding to check answers?			
Can I add and subtract whole numbers with more than four digits using formal written methods?			
Can I multiply and divide numbers mentally drawing upon known facts?			
Can I recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3)?			
Can I compare and order fractions whose denominators are all multiples of the same number?			
Can I recognise units of measurement: km, m, cm, mm, g, kg, l, ml, cm ² , m ² , cm ³ ?			
Can I draw and measure angles?			
Can I solve comparison, sum and difference problems using information presented in a line graph?			

Core Objectives			
Can I interpret negative numbers in context?			
Can I round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000?			
Can I add and subtract whole numbers with four digits mentally where appropriate?			
Can I solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why?			
Can I use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers?			
Can I multiply numbers up to 4 digits by a one- or two-digit number using a formal written method?			
Can I divide numbers up to 4 digits by a one-digit number using the formal written method?			
Can I identify multiples and factors including finding all factor pairs of a number?			
Can I identify common factors of two numbers?			
Can I solve problems involving multiplication and division by using a knowledge of factors or multiples?			
Can I read and write decimals as fractions?			
Can I round decimals with two decimal places to the nearest whole number and to one decimal place?			
Can I solve problems which require knowing percentage equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those fractions with a denominator of a multiple of 10 or 25?			
Can I convert between different units of metric measure?			
Can I measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres?			
Can I calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm ²) and square metres (m ²)?			
Can I use all four operations to solve problems involving measure?			
Can I identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed?			

Maths Objectives: Year 6

Key Objectives			
Can I recognise the place value of each digit in numbers up to 10 000 000, including decimals?			
Can I use negative numbers in context and calculate intervals across zero?			
Can I perform mental calculations, including with mixed operations and large numbers?			
Can I solve multi-step problems in contexts, deciding which operations and methods to use and why?			
Can I identify common factors, common multiples and prime numbers?			
Can I compare and order fractions, including fractions > 1 ?			
Can I recall and use equivalences between simple fractions, decimals and percentages?			
Can I explain radius, diameter and circumference?			
Can I use letters and symbols to stand for unknown numbers?			
Can I explain percentage is out of 100?			

Core Objectives			
Can I round any whole number to a required degree of accuracy?			
Can I solve problems involving addition, subtraction, multiplication and division?			
Can I use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy?			
Can I multiply multi-digit numbers up to four digits by a two digit number using long multiplication?			
Can I divide numbers up to four digits by a two digit number using the formal written method of short division where appropriate?			
Can I add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions?			
Can I multiply simple pairs of proper fractions, writing the answer in its simplest form?			
Can I solve problems using ration relationships?			
Can I solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places?			
Can I convert between miles and kilometres?			
Can I recognise when it is possible to use formulae for area and volume of shapes?			
Can I draw 2-D shapes using given dimensions and angles?			
Can I describe positions on the full coordinate grid (all four quadrants)?			
Can I express missing number problems algebraically?			
Can I generate and describe linear number sequences?			
Can I solve problems involving the calculation of percentages and the use of percentages for comparison?			
Can I solve problems involving similar shapes where the scale factor is known or can be found?			