

Maths: Year 3 National Curriculum Programme of Study Statements

Number and place value

I can count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number

I can recognise the place value of each digit in a three-digit number (hundreds, tens, ones)

I can compare and order numbers up to 1000

I can identify, represent and estimate numbers using different representations

I can read and write numbers up to 1000 in numerals and in words

I can solve number problems and practical problems involving these ideas

Number - Addition and subtraction

I can add and subtract numbers mentally, including three-digit numbers

I can add / subtract numbers up to three digits, using formal written methods of addition and subtraction

I can estimate the answer to a calculation and use inverse operations to check answers

I can solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction

Number - Multiplication and division

I can recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables

I can write and calculate mathematical statements for multiplication and division using the multiplication tables that I know

I can solve problems involving multiplication and division, including missing number problems

Number - fractions

I can count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts

I can recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions

I can recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators

I can recognise and show equivalent fractions with small denominators, using diagrams

I can add and subtract fractions with the same denominator within one whole

I can compare and order unit fractions, and fractions with the same denominators

I can solve problems that involve all of the above

Measurement

I can measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)

I can measure the perimeter of simple 2-D shapes

I can add and subtract amounts of money to give change, using both £ and p in practical contexts

I can tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks

I can estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning and afternoon

I know the number of seconds in a minute and the number of days in each month, year and leap year

I can compare durations of events [for example to calculate the time taken by particular events or tasks]

Geometry - properties of shapes

I can draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them

I can recognise angles as a property of shape or a description of a turn

I can identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle

I can identify horizontal and vertical lines and pairs of perpendicular and parallel lines

Statistics

I can interpret and present data using bar charts, pictograms and tables

I can solve one-step and two-step questions using information presented in scaled bar charts and pictograms and tables