



End of Year 3 Maths Expectations



Using & Applying Number Statistics Calculation Geometry
Measurement

U1	Solve number problems and practical problems
N1	Read and write numbers up to 1,000 in numerals and in words.
N2	Count from 0 in multiples of 4, 8, 50 and 100
N3	Find 10 or 100 more or less than a given number
N4	Recognise the place value of each digit in a 3-digit number (H, T, U)
N5	Compare and order numbers up to 1,000
N6	Identify, represent and estimate numbers using different representations
N7	Count up and down in tenths
N8	Recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10
N9	Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators
N10	Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators
N11	Recognise and show, using diagrams, equivalent fractions with small denominators
N12	Add fractions with the same denominator within one whole [for example, + =]
N13	Subtract fractions with the same denominator within one whole [for example, + =]
N14	Compare and order unit fractions, and fractions with the same denominators
N15	Solve problems that involve fractions
S1	Interpret and present data using tables
S2	Interpret and present data using bar charts
S3	Interpret and present data using pictograms
S4	Solve one-step and two-step questions [for example 'How many more?' and 'How many fewer?'] using information presented in different ways
C1	Add numbers mentally.
C2	Subtract numbers mentally.
C3	Add numbers with up to 3 digits, using formal written methods of columnar addition
C4	Subtract numbers with up to 3 digits, using formal written methods of columnar subtraction
C5	Estimate the answer to a calculation and use inverse operations to check answers
C6	Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction
C7	Recall and use multiplication and division for the 3,4 and 8 times tables
C8	Write and calculate mathematical statements for multiplication using known multiplication facts including TU × U, using mental and then progressing to formal written methods.
C9	Write and calculate mathematical statements for division using mental and then progressing to formal written methods.
C10	Solve problems, including missing number problems, involving multiplication and division, including integer scaling problems and correspondence problems in which objects are connected to objects

G1	Draw 2-D shapes
G2	Make 3-D shapes using modelling materials
G3	Recognise 3-D shapes in different orientations and describe them
G4	Recognise angles as a property of shape or a description of a turn
G5	Identify right angles
G6	Recognise that 2 right angles make a half-turn, 3 make three-quarters of a turn and 4 a complete turn;
G7	Identify whether angles are greater than or less than a right angle
G8	Identify horizontal and vertical lines
G9	Identify pairs of perpendicular and parallel lines
M1	Measure, compare, add and subtract lengths (m/cm/mm);
M2	Measure, compare, add and subtract mass (kg/g)
M3	Measure, compare, add and subtract volume/capacity (l/ml)
M4	Measure the perimeter of simple 2-D shapes
M5	Add amounts of money to give change, using both £ and p in practical contexts
M6	Subtract amounts of money to give change, using both £ and p in practical contexts
M7	Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks
M8	Estimate and read time with increasing accuracy to the nearest minute
M9	Record and compare time in terms of seconds, minutes and hours
M10	Use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight
M11	Know the number of seconds in a minute and the number of days in each month, year and leap year