End of Year 2 Maths Expectations

Using & Applying   Number   Statistics   Calculation   Geometry   Measurement

U1	Use place value and number facts to solve problems
U2	Solve problems with addition: using concrete objects and pictorial representations, including those involving numbers, quantities and measures applying my increasing knowledge of mental and written methods
U3	Solve problems with subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures applying my increasing knowledge of mental and written methods
U4	Solve problems involving multiplication using materials, arrays, repeated addition, mental methods, and multiplication facts, including problems in contexts
U5	Solve problems involving division using materials, arrays, repeated addition, mental methods, and division facts, including problems in contexts
U6	Solve simple problems in a practical context involving addition of money of the same unit
U7	Solve simple problems in a practical context involving subtraction of money of the same unit, including giving change
N1	Count in steps of 2, 3 and 5 from 0, and in tens from any number forward and backward
N2	Recognise the place value of each digit in a 2 digit number (tens and ones)
N3	Identify, represent and estimate number using different representations including number line
N4	Compare and order numbers from 0 up to 100
N5	Use <, > and = signs
N6	Read and write numbers to at least 100 in numerals and in words
N7	Recognise, find, name and write fractions 1/3, ¼, 2/4 and ¾ of a length, shape, set of objects or quantity
N8	Write simple fractions e.g. ½ of 6 = 3
N9	Recognise the equivalence of 2/4 and ½
S1	Interpret and construct simple pictograms
S2	Interpret and construct tally charts,
S3	Interpret and construct block diagrams
S4	Interpret and construct simple tables
S5	Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity
S6	Ask and answer questions about totalling and comparing categorical data

C1	Recall and use addition facts to 20 fluently,
C2	Recall and use subtraction facts to 20 fluently,
C3	Derive and use related facts up to 100
C4	Add numbers using concrete objects, pictorial representations, and mentally (A 2-digit number and ones) (A 2-digit number and tens) (two 2 -digit numbers) (three 1-digit numbers)
C5	Subtract numbers using concrete objects, pictorial representations, and mentally (A 2-digit number and ones) (A 2-digit number and tens) (two 2 -digit numbers)
C6	Show that addition of two numbers can be done in any order (commutative) and subtraction of one number by another cannot
C7	Recall and use multiplication facts for the 2, 5 and 10 multiplication tables,
C8	Recall and use division facts for the 2, 5 and 10 multiplication tables,
C9	Recognise odd and even numbers
C10	Calculate mathematical statements for multiplication within the multiplication tables and write them using the multiplication (x), and equals (=) signs
C11	Calculate mathematical statements for division within the multiplication tables and write them using the division (÷) and equals (=) signs
C12	Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot
G1	Identify and describe the properties of 2-D shapes, including the number of sides and symmetry in a vertical line
G2	Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces
G3	Identify 2-D shapes on the surface of 3-D shapes, for example a circle on a cylinder and a triangle on a pyramid
G4	Compare and sort common 2-D shapes and everyday objects
G5	Compare and sort common 3-D shapes and everyday objects
G6	Order and arrange combinations of mathematical objects in patterns
G7	Use mathematical vocabulary to describe position, direction and movement
G8	Distinguish between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise), and movement in a straight line
M1	Choose and use appropriate standard units to estimate and measure length/ height to the nearest appropriate unit, using rulers
M2	Choose and use appropriate standard units to estimate and measure mass (kg/g);) to the nearest appropriate unit scales,
M3	Choose and use appropriate standard units to estimate and measure temperature (C); to the nearest appropriate unit, using thermometers
M4	Choose and use appropriate standard units to estimate and measure capacity (litres/ml) to the nearest appropriate unit, using measuring vessels
M5	Compare and order lengths, mass, volume/capacity and record the results using <, > and =
M6	Recognise and use symbols for pounds (£) and pence (p)
M7	Combine amounts to make a particular value.
M8	Find different combinations of coins that equal the same amounts of money
M9	

| M10 | Tell and write the time to quarter past/to the hour and draw the hands on a clock face to show these times |
| | Tell and write the time to five minutes and draw the hands on a clock face to show these times |