Year 2 Objectives

Working towards Year 2 standard

Can demonstrate an understanding of place value.
Can count in twos from 0 and use counting strategies to solve problems
Can read and write numbers correctly in numerals up to 100.
Can count in fives from 0 and use counting strategies to solve problems.
Can count in tens from 0 and use counting strategies to solve problems.
Can use number bonds and related subtraction facts within 20.
Can add a two-digit number and ones where no regrouping is required (e.g. 23 + 5).
Can add a two-digit number and tens where no regrouping is required.
Can subtract a two-digit number and ones where no regrouping is required.
Can subtract a two-digit number and tens where no regrouping is required.
Can recall doubles and halves to 20.
Can recognise and name triangles, rectangles, squares, circles, cuboids, cubes, etc.

Number

Identifies, represents and estimates numbers using different representations.
Can partition two-digit numbers into different combinations of tens and ones.
Uses reasoning about place value and number facts to solve problems.
Compares and orders numbers from 0 up to 100; use <, > and = signs.
Solves problems with addition using concrete objects and pictorial representations.
Solves problems with subtraction using concrete objects and pictorial representations.
Solves problems with addition applying their increasing knowledge of mental and written.
Solves problems with subtraction applying their increasing knowledge of mental and written.
Can add 2 two-digit numbers within 100 (e.g. 48 + 35).
Adds numbers using concrete objects, pictorial representations, and mentally.
Subtracts numbers using concrete objects, pictorial representations, and mentally.
Can subtract mentally a two-digit number from another two-digit number when there.
Shows that addition of two numbers can be done in any order and subtraction of one number.
Can use estimation to check that their answers to a calculation are reasonable.
Can recognise the inverse relationships between addition and subtraction and use.

Multiplication and division

Can recall and use multiplication facts for the 2 multiplication table.
Can recall and use multiplication facts for the 5 multiplication table.
Can recall and use multiplication facts for the 10 multiplication table.
Calculates mathematical statements for multiplication within the multiplication tables.
Calculates mathematical statements for division within the multiplication tables.
Shows that multiplication of two numbers can be done in any order and division of one.
Solves problems involving multiplication using materials, arrays, repeated addition, mental etc.
Solves problems involving division, using materials, arrays, repeated addition, mental etc.
Recognises odd and even numbers and explains how you know a particular number is odd or even.
Makes connections between multiplication and division by 2 and doubling and halving.
Can recall and use division facts for the 2, 5 and 10 multiplication tables to.
Can identify 1/3 and knows that all parts must be equal parts of the whole.
Writes simple fractions for example, 1/2 of 6 = 3 and recognises the equivalence of 2/4 and 1/2.
Can identify 1/4 and knows that all parts must be equal parts of the whole.

Fractions

Can identify 1/2 and knows that all parts must be equal parts of the whole.
Can identify 2/4 and knows that all parts must be equal parts of the whole.
Can identify 3/4 and knows that all parts must be equal parts of the whole.

Measure

Chooses and uses appropriate standard units to estimate and measure length/height.
Chooses and uses appropriate standard units to estimate and measure mass (kg/g).
Chooses and uses appropriate standard units to estimate and measure temperature (°C).
Chooses and uses appropriate standard units to estimate and measure capacity (litres/ml).
Compares and orders lengths and record the results using >, < and =.
Compares and orders mass and record the results using >, < and =.
Compares and orders volume/capacity and record the results using >, < and =.
Can read scales in divisions of ones, twos, fives and tens in a practical situation.
Recognises and uses symbols for pounds (£) and pence (p); combines amounts to make an amount.
Can use different coins to make the same amount.
Solves simple problems in a practical context involving addition and subtraction of money.
Compares and sequences intervals of time.
Knows the number of minutes in an hour and the number of hours in a day.
Can read the time on the clock to the nearest 15 minutes.

Shape

Describes properties of 2-D and 3-D shapes including the number of sides etc.
Identifies 2-D shapes on the surface of 3-D shapes.
Compares and sorts common 2-D and 3-D shapes and everyday objects.
Can describe similarities and differences of shape properties.
Orders and arranges combinations of mathematical objects in patterns and sequences.
Uses mathematical vocabulary to describe position, direction and movement, etc.
Interprets and constructs simple pictograms.
Interprets and constructs tally charts.
Interprets and constructs block diagrams.
Interprets and constructs simple tables.
Asks and answers simple questions by counting the number of objects in each category.
Ask and answers questions about totalling and comparing categorical data.

Year 2 Objectives

Greater depth within the year 2 standard

Can solve word problems that involve more than one step.

Can solve more complex missing number problems.

Can work out mental calculations where regrouping is required.

Can reason about addition.

Can recognise the relationships between addition and subtraction.

Can determine remainders given known facts.

Can use multiplication facts to make deductions outside known multiplication facts.

Can find and compare fractions of amounts.

Can read the time on the clock to the nearest 5 minutes.

Can read scales in divisions of ones, twos, fives and tens in a practical situation.