

By the end of year 1 all children should have the skills and knowledge to complete the following tasks.

End of Year Expectations for Year 1 - Number

Count to and across 100, forwards and backwards, from any given number.

Count, read and write numbers to 100 in numerals.

Count in multiples of 2s, 5s and 10s.

Given a number, identify the number one more and one less

Identify and represent numbers using objects and pictures including the number line.

Read and write numbers from 1 to 20 in numerals and words.

Recall all pairs of additions and subtractions number bonds to 20.

Use the signs +, - and = to interpret and write mathematical statements.

Add and subtract one-digit and two-digit numbers to 20.

Solve missing number problems, such as $7 + \square = 9$

Solve one step problems involving addition and subtraction, using objects and pictures.

Solve one step problems involving multiplication and division using objects and pictures with support.

End of Year Expectations for Year 1 - Fractions, Measures and Geometry

Recognise, find and name a half as one of 2 equal parts of an object, shape or quantity.

Recognise, find and name a quarter as one of 4 equal parts of an object, shape or quantity.

Compare, describe and solve practical problems for length, weight, capacity and time.

Measure and record lengths and heights, weights, capacity and volume and time.

Recognise and know the value of different coins; 1p, 2p, 5p, 10p, 20p, 50p, £1.

Sequence events in chronological order using language; eg before, after, first, today, tomorrow

Recognise and use language relating to dates, including days of the week, months and years.

Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.

Recognise and name common 2D and 3D shapes; eg square, rectangle, circle, triangle, cube, cuboid, sphere

Describe position, direction and movement, including whole, half, quarter and three-quarter turns.

By the end of year 2 all children should have the skills and knowledge to complete the following tasks.

End of Year Expectations for Year 2 - Number

Read and write numbers to at least 100 in numerals and in words. Recognise odd and even numbers.

Compare and order numbers to 100; use \leq and \geq and $=$ signs.

Count in steps of 2, 3, 5 and 10 from any number forward and backward.

Recognise the place value of each digit in a 2-digit number (tens and ones).

Identify and represent numbers using different representations, including the number line.

Recall and use addition and subtraction facts to 20 fluently and use related facts to 100.

Add and subtract numbers mentally; eg $24 + 3$, $35 + 20$, $40 + 30$, $7 + 3 + 5$

Show that addition can be done in any order, but subtraction of one number from another cannot.

Recognise and use the inverse relationship between addition and subtraction to solve missing number problems

Solve problems with addition and subtraction; applying increasing knowledge of mental and written methods.

Recall and use multiplication and division facts for the 2x, 5x and 10x tables.

Solve problems with multiplication and division, using materials, arrays, repeated addition, mental methods in different contexts.

End of Year Expectations for Year 2 - Fractions, Measures, Geometry and Statistics

Recognise, find, name and write fractions $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{3}{4}$ of a length, shape or quantity of objects.

Write simple fractions and recognise the equivalence for halves.

Choose and use appropriate standard units to estimate and measure lengths, weights, temperature and capacity to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels.

Compare and order lengths, weights, capacity/volume and record results using standard units (cm, m, g, kg, ml, l)

Recognise and use symbols for £ and p; combine amounts to make a particular value.

Solve simple problems in a practical context involving addition and subtraction of money.

Find different combinations of coins that equal the same amount of money.

Tell and write the time to five minutes, including quarter past and to the hour. Know number of minutes in an hour and number of hours in a day.

Identify and describe the properties of 2D and 3D shapes; eg square, rectangle, circle, triangle, cube, cuboid, sphere, pyramid

Compare and sort common 2D and 3D shapes, recognise right angles and line symmetry.

Use vocabulary to describe position, direction and movement, distinguish between clockwise and anti-clockwise

Interpret and construct simple pictograms, tally charts, tables and block diagrams. Ask and answer questions on data.

