

Year Group	RED	YELLOW	GREEN
Year 1	<p>Write numbers to 10 Count on/back in 1 Number bonds to 10 Recognise + - Know that <b>half</b> is one of two parts Words to measure length and height Use words to describe direction and movement</p>	<p>Write numbers to 20 Count in 2s and 10s Calculations with + - Put together halves and quarters to make parts of shapes Words to measure weight and mass</p>	<p>Count on/ back in 1's from 100 Number bonds to 20 +/- problems Count in 2s, 5s and 10s Recognise different fractions of shapes and amounts (halves and quarters) Use more than/ less than</p>
Year 2	<p>Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number Represent and use number bonds and related subtraction facts within 20 Recall multiplication facts for the 2, 5 and 10 multiplication Recognise half and one quarter of shapes and small numbers of objects Use appropriate standard units to measure length/height in (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml)</p>	<p>Count in steps of 2, 3, and 5 from 0 and from any number, forward and backward Recognise the place value of each digit in a two-digit number (tens, ones) Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables Name and write fractions <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, <math>\frac{2}{4}</math>, and <math>\frac{3}{4}</math> Tell and write the time to quarter past/to the hour Know the symbols for pounds and pence</p>	<p>Compare and order numbers from 0 up to 100; use &lt;, &gt; and signs using diennes Recognise place value Partition numbers into tens and ones Recognising odd and even numbers Multiply by using arrays for x 3,4,5 and 10</p>
Year 3	<p>Count from 0 in multiples of 100 and find 10 more or less than a given number Recognise the place value of each digit in a three-digit number (hundreds, tens, ones) Count from 0 in multiples of 8 and 25 Find 50 more or less than any given multiple Write simple fractions for example, <math>\frac{1}{2}</math> of 6 = 3 and Recognise the equivalence of <math>\frac{2}{4}</math> and <math>\frac{1}{2}</math> Recognise that tenths arise from dividing an object into 10 equal parts Tell and write the time from an analogue clock Use vocabulary such as o' clock, am/pm, morning, afternoon, noon and midday Identify and describe the properties of 2-D shapes Interpret and present data using charts, pictograms and tables</p>	<p>Read and write numerals and in words Add and subtract numbers with up to 3 digits Count up and down in tenths and divide one digit numbers or quantities by 10 Tell and write the time from 12-hour and 24-hour clocks, including using Roman numerals from I to XII Recognise 3-D shapes</p>	<p>Add and subtract numbers with up to 4 digits using formal written methods of column addition and subtraction Use inverse operations to check answers Convert between different units of measure Identify right angles</p>
Year 4	<p>Count in multiples of 6 Recognise value of each digit in given number to four digits. Carry out 4 digit addition calculations using whole numbers Multiply or divide a whole number by ten Add and subtract fractions with same denominator. Read and write time between analogue and digital 12- and 24-hour clocks Identify acute and obtuse angles</p>	<p>Count in multiples of 7,9 and 1000 Know Roman numerals to 100 Understand concept of place value –hundredths Round decimals to the nearest whole value Add and subtract values with up to four digits Multiply and divide a one or two digit number by 100 and 10 Round decimals to nearest whole number Convert time between analogue and digital 12- and 24 hour clocks</p>	<p>Count in multiples of 25 Count backwards through zero using negative numbers Know multiplication and division facts for all tables to x12. Solve money problems with decimals</p>
Year 5	<p>Read, write and order numbers to 1 million and know the value of each digit. Be secure in use of formal addition and subtraction methods – i.e. column method. Find all factor pairs of a given number Read and write decimal numbers as fractions Covert between metric units of measurement: mm, cm, m, km, g, kg, ml, l. Identify 3-D shapes Identify angles -full turn, obtuse acute</p>	<p>Round numbers to 10, 100, 1000, 10,000, 100,000 for any whole value up to 1 million. Divide a four-digit number by a single digit number using the formal written method – including using remainders Recognise the percent symbol and this it represents number of parts per hundred. Write percentages as a fraction (i.e. with denominator 100). Calculate the area of a range of rectangles.</p>	<p>Count up or down in multiples of 25 from a given value. Solve multiplication of four digit numbers by two digit numbers using the formal written method. Understand the concept of squared and cubed numbers Measure angles to the nearest degree.</p>
Year 6	<p>Use place value to multiply and divide whole numbers and decimals by 10, 100 and 1000. Measure and draw angles to the nearest degree. Understand and use the probability scale from 0 to 1.</p>	<p>Round decimals to the nearest decimal place. Order negative numbers Read and interpret scales Build simple 3d shapes using nets</p>	<p>Identify common factors, multiples and prime numbers. Convert between miles and km</p>