

Term by Term Objectives

Year 1/2

Year Group	Y1/2	Term	Spring
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Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
<p>Time Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.</p> <p>Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times.</p> <p>Recognise and use language relating to dates, including days of the week, weeks, months and years.</p> <p>Know the number of minutes in an hour and the number of hours in a day.</p> <p>Compare, describe and solve practical problems for time [for example, quicker, slower, earlier, later] and measure and begin to record time (hours, minutes, seconds)</p> <p>Compare and sequence intervals of time.</p> <p>Sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening].</p>	<p>Place Value Count to 40 forwards and backwards, begin with 0 or 1 or any number.</p> <p>Count, read and write numbers from 1-40 in numerals and words.</p> <p>Identify and represent numbers using objects and pictorial representations</p> <p>Given a number, identify 1 more or 1 less.</p>	<p>Measurement: Money Recognise and know the value of different denominations of coins and notes.</p> <p>Recognise and use symbols of pounds (£) and pence (p); combine amounts to make a particular value.</p> <p>Find different combinations of coins that equal the same amounts of money.</p> <p>Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems.</p> <p>Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.</p>	<p>Number: Multiplication and Division Count in multiples of twos, fives and tens.</p> <p>Solve one step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.</p> <p>Number: Fractions Recognise, find and name a half as one of two equal parts of an object, shape or quantity.</p> <p>Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.</p> <p>Number – fractions Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity.</p> <p>Write simple fractions for example, $\frac{1}{2}$ of 6 = 3</p> <p>Recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$.</p>	<p>Length and height Compare, describe and solve practical problems for: lengths and heights for example, long/short, longer/shorter, tall/short, double/half</p> <p>Compare and order length and record the results using >, < and =.</p> <p>Measure and begin to record lengths and heights.</p> <p>Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm), using rulers and scales.</p>	<p>Consolidation and Assessment</p>						

Term by Term Objectives

Year 3/4

Year Group	Y3/4	Term	Spring
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Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
<p>Number: Multiplication and Division Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in context. Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.</p>					<p>Fractions and Decimals Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators. Compare and order unit fractions, and fractions with the same denominators. Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators. Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number.</p>						
<p>Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects. Solve simple measure and money problems involving fractions and decimals to two decimal places</p>					<p>Count up and down in tenths. Count up and down in hundredths. Recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10 Recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten. Recognise and show, using diagrams, families of common equivalent fractions. Recognise and show, using diagrams, families of common equivalent fractions. Add and subtract fractions with the same denominator within one whole. Add and subtract fractions with the same denominator. Solve problems that involve all of the above. Recognise and write decimal equivalents of any number of tenths or hundredths. Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ Round decimals with one decimal place to the nearest whole number. Compare numbers with the same number of decimal places up to two decimal places. Solve simple measure and money problems involving fractions and decimals to two decimal places</p>						
<p>Write and calculate mathematical statements for multiplication and division using the multiplication tables they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods. Multiply two digit and three digit numbers by a one digit number using formal written layout. Find the area of rectilinear shapes by counting squares (link to multiplication)</p>											

Term by Term Objectives

Year 5 / 6

Year		5 and 6		Term		Spring						
<p>Number: Fractions Compare and order fractions whose denominators are multiples of the same number. Compare and order fractions, including fractions > 1 Generate and describe linear number sequences (with fractions)</p> <p>Identify, name and write equivalent fractions of a given fraction, represented visually including tenths and hundredths. Use common factors to simplify fractions; use common multiples to express fractions in the same denomination. Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements >1 as a mixed number [for example $2\frac{4}{5} + \frac{6}{5} = 1\frac{1}{5}$]</p> <p>Add and subtract fractions with the same denominator and denominators that are multiples of the same number. Add and subtract fractions with different denominations and mixed numbers, using the concept of equivalent fractions.</p> <p>Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams. Multiply simple pairs of proper fractions, writing the answer in its simplest form Divide proper fractions by whole numbers [for example $\frac{1}{3} \div 2 = \frac{1}{6}$]</p> <p>Read and write decimal numbers as fractions [for example $0.71 = \frac{71}{100}$] Associate a fraction with division and calculate decimal fraction equivalents [for example, 0.375] for a simple fraction [for example $\frac{3}{8}$]</p> <p>Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates. Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts.</p>	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
	Number: Decimals Use all four operations to solve problems involving measure (for example, length, mass, volume, money) using decimal notation, including scaling. Multiply one digit numbers with up to 2dp by whole numbers. Use written division methods in cases where the answer has up to two decimal places.	Number: Percentages Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal. Solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}, \frac{1}{4}, \frac{1}{5}, \frac{2}{5}, \frac{3}{5}$ and those fractions with a denominator of a multiple of 10 or 25. Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts. Solve problems involving the calculation of percentages [for example, of measures and such as 15% of 360] and the use of percentages for comparison.	Number: Algebra Use simple formulae. Generate and describe linear number sequences. Express missing number problems algebraically Find pairs of numbers that satisfy an equation with two unknowns. Enumerate possibilities of a combination of two variables. Year 5 - Recap FDP	Geometry - Angles & Properties of Shape Know angles are measured in degrees; estimate and compare acute, obtuse and reflex angles. Draw given angles; and measure them in degrees Draw 2D shapes using given dimensions and angles. Identify: angles at a point and one whole turn (total 360°), angles at a point on a straight line and ½ a turn (total 180°) other multiples of 90° Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles. Identify 3D shapes, including cubes and other cuboids, from 2D representations. Use the properties of rectangles to deduce related facts and find missing lengths and angles. Distinguish between regular and irregular polygons based on reasoning about equal sides and angles. Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals and regular polygons. Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius Solve problems involving similar shapes where the scale factor is known or can be found.	Geometry- position and direction Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed. Describe positions on the full coordinate grid (all four quadrants). Draw and translate simple shapes on the coordinate plane, and reflect them in the axes.							