



Year 4 – End of Year Maths Targets



Number and place value	Addition and subtraction	Multiplication and division	Fractions	Measurement	Geometry
<ul style="list-style-type: none"> ❖ count in multiples of 6, 7, 9, 25 and 1000 ❖ find 1000 more or less than a given number ❖ count backwards through zero to include negative numbers ❖ recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones) ❖ order and compare numbers beyond 1000 ❖ identify, represent and estimate numbers using different representations ❖ round any number to the nearest 10, 100 or 1000 ❖ solve number and practical problems ❖ read Roman numerals to 100 (I to C) 	<ul style="list-style-type: none"> ❖ add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate ❖ estimate and use inverse operations to check answers to a calculation ❖ solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why 	<ul style="list-style-type: none"> ❖ recall multiplication and division facts for multiplication tables up to 12×12 ❖ use place value, known and derived facts to multiply and divide mentally, including: <ul style="list-style-type: none"> ▪ multiplying by 0 and 1; dividing by 1; multiplying together three numbers ❖ recognise and use factor pairs and commutativity in mental calculations ❖ multiply two-digit and three-digit numbers by a one-digit number using formal written layout ❖ solve problems involving multiplying and adding 	<ul style="list-style-type: none"> ❖ recognise and show common equivalent fractions ❖ count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten. ❖ solve problems involving increasingly harder fractions ❖ add and subtract fractions with the same denominator ❖ recognise and write decimal equivalents of any number of tenths or hundredths ❖ recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ ❖ divide a one- or two-digit number by 10 and 100 ❖ round decimals with one decimal place to the nearest whole number ❖ solve simple measure and money problems involving fractions and decimals to two decimal places 	<ul style="list-style-type: none"> ❖ Convert between different units of measure [for example, kilometre to metre; hour to minute] ❖ measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres ❖ find the area of rectilinear shapes by counting squares ❖ estimate, compare and calculate different measures, including money in pounds and pence ❖ read, write and convert time between analogue and digital 12- and 24-hour clocks ❖ solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days 	<ul style="list-style-type: none"> ❖ compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes ❖ identify acute and obtuse angles and compare and order angles up to two right angles by size ❖ identify lines of symmetry in 2-D shapes presented in different orientations ❖ complete a simple symmetric figure with respect to a specific line of symmetry ❖ describe positions on a 2-D grid as coordinates ❖ describe movements between positions as translations ❖ plot specified points and draw sides to complete a given polygon <p style="text-align: center;">Statistics</p> <ul style="list-style-type: none"> ❖ interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs. ❖ solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs