



## End of Year 6 Expectations – Maths Working at the expected standard

<b>Objective</b>	<b>What does a good one look like?</b> Record the date when you met the objective.
Use negative numbers in context, and calculate intervals across zero.	
Round any whole number to a required degree of accuracy and solve problems which require answers to be rounded to a specific degree of accuracy.	
Use common factors to simplify fractions; use common multiples to express fractions in the same denomination.	
Solve problems involving the calculation of percentages.	
Multiply 1 digit numbers with up to two decimal places by whole numbers.	
Perform mental calculations, including with mixed operations with larger numbers.	
Divide numbers up to 4-digits by a 2-digit whole number using formal written methods of long division and interpret remainders in various ways.	
Use knowledge of the order of operations to carry out calculations involving all four operations.	
Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions.	
Multiply simple pairs of proper fractions, writing the answer in its simplest form.	
Divide proper fractions by whole numbers.	
Associate a fraction with division and calculate decimal fraction equivalents.	
Express missing number problems algebraically.	
Find pairs of numbers that satisfy number sentences involving two unknowns.	
Recognise, describe and build simple 3D shapes, including making nets.	
Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangle, quadrilateral and regular polygons.	
Illustrate and name parts of circles, including radius, diameter and circumference and know that the radius is half the diameter.	
Read write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit and vice versa, using decimal notation to up to 3dp.	
Calculate the area of a parallelogram and triangles, and calculate, estimate and compare volume of cubes and cuboids using standard units.	
Interpret and construct pie charts and line graphs and use these to solve problems.	