

## Y3 Maths Expectations

Number and place value	Count in multiples of 4, 8, 50 and 100 and can find 10 or 100 more of any given number
	Compare and order numbers up to 100
	Show and estimate numbers using objects and pictures
	Read and write numbers up to 1000 in numbers
	Read and write numbers up to 1000 in words
	Solve number and word problems.
Addition and Subtraction	Add and subtract numbers in my head including 3 digit numbers
	Add numbers up to 3 digit using formal methods
	Subtract numbers up to 3 digits using formal method
	I can estimate the answer to a calculation and use this and inverse operations to check answers
	I can solve problems, including missing number, using number facts, place value and more complex problems
Multiplication and Division	Recall multiplication and division facts for 3,4 and 8 times table
	Calculate multiplication and division questions mentally and in writing using times tables including 2d by 1d
	Solve multiplication and division problems including missing number, factors and ratio
Fractions	Count up and down in tenths and know tenths are made by dividing an object into ten equal parts
	Write and find fractions for a set of data and can recognise fractions with a small denominator
	find and use fractions of numbers
	identify and show equivalent fractions
	add fractions of the same denominator within one whole
	Subtract fractions with the same denominator
	Compare and order fractions of the same denominator
	Solve fractions problems
Properties of shape	Draw 2D and make 3D shapes using modelling materials. I can recognise 3D shapes in different orientations
	Recognise angles as a property of a shape. Know that angles are a description of a turn
	Be able to spot right angles and know that two right angles make a half, 3 make $\frac{3}{4}$ and 1 make $\frac{1}{4}$
	Be able to identify if an angle is smaller or larger than a right angle
	To be able to spot vertical and horizontal lines and pairs of perpendicular and parallel lines
Measurement	Measure, compare, add and subtract lengths, mass, volume and capacity.
	Measure perimeter of 2D shapes
	To be able add and subtract amounts of money, giving change and using pounds and pence.
	I can tell the time on a clock face and use 24 and 12 hour clock
	To be able to read roman numerals I to XII
	To be able to estimate and read time to the nearest minute.
	To be able to use words such as am pm afternoon morning noon and midnight
	To know the number of seconds in a minute and how many days in a month, year and leap year.
	To compare how much time is taken by different events
To be able to interpret and present data using bar charts pictograms and tables	
	To be able to solve one-step and 2-step problems answering how many more and how many less using information presented in bar graphs and pictograms.