

Mathematics Target Sheet -Year 1

Year 1 Expectations		
Number and Place Value	<p>Counting</p> <p>count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number</p> <p>count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens</p> <p>given a number, identify one more and one less</p> <p>use the language of: equal to, more than, less than (fewer), most, least</p> <p>identify and represent numbers using objects and pictorial representations including the number line</p> <p>read and write numbers from 1 to 20 in numerals and words.</p>	
	<p>Comparing Numbers</p> <p>Identifying, Representing and Estimating Numbers</p> <p>Reading and Writing Numbers</p>	
Number: Addition and Subtraction	<p>Understanding Place Value</p> <p>Problem Solving</p>	
	<p>Number bonds</p> <p>represent and use number bonds and related subtraction facts within 20</p>	
	<p>Mental Calculations</p> <p>add and subtract one-digit and two-digit numbers to 20, including zero</p> <p>read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs</p>	
	<p>Written Methods</p> <p>read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs</p> <p>Inverse Operations, Estimating and Checking Answers Problem Solving</p> <p>solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$</p>	
Number: Multiplication and Division	<p>Multiplication and Division Facts</p>	
	<p>Mental Calculation</p>	

	<p>Written Calculation</p> <p>Properties of Numbers</p> <p>Order of Operations</p> <p>Inverse Operations, Estimating and Checking Results</p>	
	Problem Solving	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
Number: Fractions	Counting in Fractional Steps	
	Recognising Fractions	recognise, find and name a half as one of two equal parts of an object, shape or quantity
	<p>Comparing Fractions</p> <p>Comparing Decimals</p> <p>Rounding including Decimals</p> <p>Equivalence (Including Fractions, Decimals and Percentages)</p>	recognise, find and name a quarter as one of four equal parts of an object, shape or quantity
	<p>Addition and Subtraction of Fractions</p> <p>Multiplication and Division of Fractions</p> <p>Problem Solving</p>	
Measurement	Comparing and Estimating	<p>compare, describe and solve practical problems for:</p> <ul style="list-style-type: none"> * lengths and heights [e.g. long/short, longer/shorter, tall/short, double/half] * mass/weight [e.g. heavy/light, heavier than, lighter than] * capacity and volume [e.g. full/empty, more than, less than, half, half full, quarter] <p>time [e.g. quicker, slower, earlier, later]</p> <p>sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening]</p>
	Measuring and Calculating	<p>measure and begin to record the following:</p> <ul style="list-style-type: none"> * lengths and heights * mass/weight * capacity and volume * time (hours, minutes, seconds) <p>recognise and know the value of different denominations of coins and notes</p>
	Telling the Time	<p>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>recognise and use language relating to dates, including days of the week, weeks, months and years</p>
	Converting	
Geometry: Properties of Shapes	Identifying Shapes and their Properties	<p>recognise and name common 2-D and 3-D shapes, including:</p> <ul style="list-style-type: none"> * 2-D shapes [e.g. rectangles (including squares), circles and triangles] * 3-D shapes [e.g. cuboids (including cubes), pyramids and spheres].
	Drawing and Constructing	
	Comparing and Classifying	

	Angles	
	Position, Direction and Movement	describe position, direction and movement, including half, quarter and three-quarter turns.
	Pattern	
Statistics	Interpreting, Constructing and Presenting Data	
	Solving Problems	
Algebra	Equations	<i>solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as</i>
	Formulae	$7 = \square - 9$
	Sequences	<i>represent and use number bonds and related subtraction facts within 20</i> <i>sequence events in chronological order using language such as: before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening</i>