

## Maths KS3 Assessment

	Gold
Number	Read and write numbers up to 1000
	<ul> <li>Order and compare numbers up to 1000</li> </ul>
	Recognise place value in three digit numbers
	<ul> <li>Round numbers less than 1000 to the nearest 10</li> </ul>
	Round numbers less than 1000 to the nearest 100
	Find 10 and 100 more or less than a given number
	• Recognise and use multiples of 2,3,4,5,8,10, 50 and 100
	Add and subtract using three digit numbers
	<ul> <li>Multiply/Divide a two digit whole number by a single digit whole number</li> </ul>
	<ul> <li>Use and interpret + - x / = in real life situations for solving problems</li> <li>Use inverse executions to find missing numbers</li> </ul>
	<ul> <li>Use inverse operations to find missing numbers</li> <li>Estimate the answer to a calculation</li> </ul>
	Recall and use multiplication facts for the 3, 4 and 8 multiplication tables
Money and Time	<ul> <li>Appreciate the purchasing power of money (notes)</li> <li>Exchange notes for an equivalent value in coins</li> </ul>
	<ul> <li>Use decimal notation for money</li> </ul>
	<ul> <li>Interpret a calculator display</li> </ul>
	<ul> <li>Solve real life problems involving what to buy and how to pay</li> </ul>
	<ul> <li>Add amounts of money and give change</li> </ul>
	<ul> <li>Carry out investigations involving money</li> </ul>
	<ul> <li>Solve problems involving time</li> </ul>
	• Know that there are 365 days in a year, 366 days in a leap year, 12 months in a year and 52 full weeks in a
	year
	• Use a calendar and write the date correctly (day/month/year)
	• Tell and write the time from an analogue clock, including using Roman numerals from I to XII
	<ul> <li>Understand and use the 12-hour and 24-hour clock systems and convert between systems</li> </ul>
	Convert between hours, minutes and seconds
	Add up to three lengths of time given in minutes and hours
Ratio and	<ul> <li>Identify or show unit fractions up to one tenth of a quantity up to 100</li> </ul>
	<ul> <li>Work out unit fractions to one tenth of a number up to 100</li> </ul>
Proportion	<ul> <li>Identify or show any number of thirds, quarters, fifths or tenths of a quantity</li> </ul>
	<ul> <li>Work out any number of thirds, quarters, fifths or tenths of an amount</li> </ul>
	Recognise and identify equivalent fractions
	Add and subtract fractions with the same denominator within one whole
	Work out amounts 5, 8 or 10 times the size of a given amount
Geometry	Recognise and name prisms, cylinders and cones
and	Draw lines of symmetry on shapes or pictures
anu	<ul> <li>Recognise and draw nets of cubes and cuboids</li> <li>Identifies that an analysis have an element of the second second</li></ul>
Measures	<ul> <li>Identify whether an angle is less or more than a right angle</li> <li>Identify having the vertical and norallal lines</li> </ul>
	<ul> <li>Identify horizontal, vertical and parallel lines</li> <li>Denote a position of a point on a grid by its soordinates or identify a point or item given its soordinates</li> </ul>
	<ul> <li>Denote a position of a point on a grid by its coordinates or identify a point or item given its coordinates</li> <li>Use North (N), East (E), South (S) and West (M) to give directions or position from a man</li> </ul>
	<ul> <li>Use North (N), East (E), South (S) and West (W) to give directions or position from a map</li> <li>Add lengths, Capacities and weights and compare the total to another total</li> </ul>
	<ul> <li>Add lengths, Capacities and weights and compare the total to another total</li> <li>Convert standard units of length, capacity and weight</li> </ul>
	<ul> <li>Compare and order lengths, capacities and weights in different standard units</li> </ul>
	<ul> <li>Measure the perimeter of a simple shape</li> </ul>
	<ul> <li>Choose an appropriate scale</li> </ul>
	<ul> <li>Read and compare temperature including with a negative values</li> </ul>
	<ul> <li>Construct and interpret bar charts with two or more vertical axis scaled in ones or twos</li> </ul>
Statistics	<ul> <li>Construct and interpret pictograms where one pictures represents more than one item</li> </ul>
	<ul> <li>Extract numerical information from lists, tables, diagrams and charts</li> </ul>
	<ul> <li>Complete a frequency table given the original list of results</li> </ul>
	<ul> <li>Complete a tally chart and the resulting frequency table</li> </ul>
	<ul> <li>Compare two or more diagrams</li> </ul>
	<ul> <li>Solve one-step and two-step problems based on statistical information</li> </ul>