

KS3 Numeracy Learning Profile

	Extended	Developed	Developing
Using and Applying Mathematics	<ul style="list-style-type: none"> I can come up with the ways to solve longer problems I can tell whether my results are sensible I can use mathematical symbols, words and diagrams to explain situations 	<ul style="list-style-type: none"> I can come up with different ways to solve problems I can present my work in an organised way 	<ul style="list-style-type: none"> I can try different ways to solve problems I'm starting to organise my work I can check my results I can use mathematical symbols I can show, by example, that something is right
Number	<ul style="list-style-type: none"> I know what happens if you multiply and divide numbers by 10, 100, 1000 I can work with negative numbers I can add, subtract, times and divide with decimals I can cancel down fractions to help me solve problems I can work out a fraction or percentage of a quantity I can divide/times without a calculator I can check my answers be revising what I've done I can use simple formulae to solve problems I can use brackets in Maths I can do coordinates in all four quadrants 	<ul style="list-style-type: none"> I know what happens to numbers when you times and divide by 10 or 100 I know all my times tables up to 10 x 10 I can do harder adding, subtracting and multiplying using written methods I can work with decimals to 2 and 3 decimal places I can tell if answers are reasonable I can talk about fractions and percentages or amounts I know what multiple, factor and square numbers are I can recognise number patterns I know how to coordinate work 	<ul style="list-style-type: none"> I understand place value in numbers up to 1000 I recognise negative numbers and decimals in money and temperature I can add and subtract up to 20 in my head I can add and subtract 3 digit numbers on paper I know my 2,3,4,5 and 10 times table I can use times and divide to solve problems I can find fractions of amounts
Shape, Space and Measures	<ul style="list-style-type: none"> I can draw 2D representations of 3D shapes I can talk about quadrilaterals I can solve angle problems with parallel lines and 2D shapes I can transform shapes using a computer programme I can work out area and circumference of circles I can enlarge shapes 	<ul style="list-style-type: none"> I can measure angles I know that the angle in a triangle add to 180 I can find lines of symmetry I know how to convert between metric and imperial units roughly I can make sensible estimates or measurements I can work out the area of a rectangle 	<ul style="list-style-type: none"> I can make a 3D model from nets I can draw 2D shapes I can reflect shapes in a mirror line I can choose what equipment I need to measure things I can find perimeter of simple shapes I can finds area of shapes by counting squares
Handling Data	<ul style="list-style-type: none"> I can collect and record continuous data I can draw accurate frequency diagrams I can draw accurate pie charts I know about correlation and can understand scatter diagrams I can use a table to record results of experiments I know that the total probability of all events in an experiment is 1 	<ul style="list-style-type: none"> I can work out the mean I can complete 2 sets or data I can look at pie charts and bar charts and talk about what they mean I can talk about probability and use a probability scale I understand equally likely events and when one event is more likely than another I know that the results from an experiment may not match up to the probability 	<ul style="list-style-type: none"> I can collect data and use a frequency table I can work out mode and range I can group data into classes I can draw a line graph