

Curriculum Map – Alternative curriculum – Entry Level Maths - Year 10

	Term 1a	Term 1b	Term 2a	Term 2b	Term 3a	Term 3b
Y9	<p>Topic Title: Place Value (to 10,000) and effective methods.</p>	<p>Topic Title: Shape, direction and measure.</p>	<p>Topic Title: Statistics, data and graphs and probability</p>	<p>Topic Title: Directed number, decimals and money</p>	<p>Topic Title: Algebra and sequencing / Co-ordinates</p>	<p>Topic Title: Co-ordinates / Reading units of measure.</p>
	<p>Big questions:</p> <ul style="list-style-type: none"> <input type="checkbox"/> How can I distinguish between digits, values and numbers? <input type="checkbox"/> How can numbers be partitioned into values? <input type="checkbox"/> What is the most effective method to calculate and solve different addition and subtraction problems? <input type="checkbox"/> How can I use formal methods to calculate and solve addition, subtraction, multiplication and division problems? <input type="checkbox"/> How am I able to identify a fraction of an amount? 	<p>Big questions:</p> <ul style="list-style-type: none"> <input type="checkbox"/> How am I able to identify different types of angle? <input type="checkbox"/> What language can be applied to describe position? <input type="checkbox"/> How do you identify an angle as a measurement of turn? <input type="checkbox"/> What are the 8 points of the compass used to show direction? <input type="checkbox"/> How do I recognise and apply standard metric units of mass? <input type="checkbox"/> How do I recognise and apply standard metric units of length? <input type="checkbox"/> What are the names and properties of 	<p>Big questions:</p> <ul style="list-style-type: none"> <input type="checkbox"/> What is an effective method to collect and present raw data? <input type="checkbox"/> How can I interpret line graphs in everyday situations? <input type="checkbox"/> How can I present data in an appropriate graph? (Pictogram, bar, vertical line graphs) <input type="checkbox"/> How can I distinguish between the language of probability when describing the likelihood of events? 	<p>Big questions:</p> <ul style="list-style-type: none"> <input type="checkbox"/> How can I understand and use directed numbers in practical situations? (Ordering, rounding) <input type="checkbox"/> How can I recognise and use common properties of numbers, including odd, even, multiples and factors? <input type="checkbox"/> How can I recognise tenths and hundredths and their placement within the number system? <input type="checkbox"/> What is the most effective method to apply when solving problems involving addition, subtraction, multiplication and division? <input type="checkbox"/> How can I apply effective methods when solving money 	<p>Big questions:</p> <ul style="list-style-type: none"> <input type="checkbox"/> What models can I use to help solve missing number problems? <input type="checkbox"/> How can I use a letter to stand for an unknown when solving problems? <input type="checkbox"/> How can I continue a number pattern? <input type="checkbox"/> How can I describe a rule to find the next term in a number sequence? <input type="checkbox"/> How am I able to recognise and plot points in the first quadrant? 	<p>Big questions:</p> <ul style="list-style-type: none"> <input type="checkbox"/> How do I recognise standard units to measure time? <input type="checkbox"/> How can I apply my understanding of time in order to read a clock? <input type="checkbox"/> How do I recognise and apply standard units of measure for capacity? <input type="checkbox"/> How do I apply my understanding of units of measure in order to read different scales? <input type="checkbox"/> What methods can I apply to find the perimeter of a given shape? <input type="checkbox"/> What methods can I apply to find the area of a given shape?

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	<input type="checkbox"/> How am I able to calculate a fraction of an amount?	common 2-D and 3-D shapes?		problems? (multiplying and dividing pounds and pence by a whole number.)		
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<p>Assessment:</p> <p>Rollover: CFU / diagnostic assessment – pre unit place value (level 4/level 5)</p> <p>CFU – Testbase Arithmetic test 1 – 4 (Level 4 / 5 / 6)</p> <p>Aut 1: CFU / diagnostic assessment – pre unit place value (level 4/level 5)</p> <p>HW / CFU</p> <ul style="list-style-type: none"> <input type="checkbox"/> Rounding <input type="checkbox"/> Adding mentally <input type="checkbox"/> Subtracting mentally <input type="checkbox"/> Formal multiplication <input type="checkbox"/> Formal Division 	<p>Assessment:</p> <p>CFU/ retrieval – Testbase Arithmetic test 5 – 8 (Level 4 / 5 / 6)</p> <p>HW / CFU</p> <ul style="list-style-type: none"> <input type="checkbox"/> Shape 1 – properties of 2d/3d shapes <input type="checkbox"/> Shape 2 – measuring angles <input type="checkbox"/> Shape 3 – drawing angles 	<p>Assessment:</p> <p>UNIT 2 ASSESSMENT – STAGE TWO.</p> <p>HW / CFU</p> <ul style="list-style-type: none"> <input type="checkbox"/> Interpreting graphs <input type="checkbox"/> Probability 1 <input type="checkbox"/> Probability 2 	<p>Assessment:</p> <p>CFU/ retrieval – Testbase Arithmetic test 9 – 12 (Level 4 / 5 / 6)</p> <p>HW / CFU</p> <ul style="list-style-type: none"> <input type="checkbox"/> Rounding with decimals <input type="checkbox"/> Ordering with decimals <input type="checkbox"/> Positive and negative numbers <input type="checkbox"/> Adding/subtracting money <input type="checkbox"/> Multiplying / dividing money 	<p>Assessment:</p> <p>CFU/ retrieval – Testbase Arithmetic test 13 – 15 (Level 4/ Level 5 / 6)</p> <p>HW / CFU</p> <ul style="list-style-type: none"> <input type="checkbox"/> Multiples/factors <input type="checkbox"/> Missing number problems <input type="checkbox"/> Sequencing <input type="checkbox"/> Co-ordinates 	<p>Assessment:</p> <p>UNIT 2 ASSESSMENT – STAGE THREE</p> <p>HW / CFU</p> <ul style="list-style-type: none"> <input type="checkbox"/> Measuring time <input type="checkbox"/> Measuring capacity <input type="checkbox"/> Measuring Length <input type="checkbox"/> Measuring mass <input type="checkbox"/> Area and perimeter
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