

Curriculum Map – Alternative curriculum – Entry Level Maths - Year 9

	Term 1a	Term 1b	Term 2a	Term 2b	Term 3a	Term 3b
Y9	Topic Title: Place Value (to 1000)	Topic Title: Effective methods and the four operations.	Topic Title: Shape, angles and direction	Topic Title: Statistics, data and graphs	Topic Title: Place Value (to 100,000) and money	Topic Title: Effective methods and the four operations
	Big questions: <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"/> Can I round to a degree of accuracy? <input type="checkbox"/> How can place value help me to compare and order values? <input type="checkbox"/> Can I recognise patterns in number? (Number bonds / halving / doubling) 	Big questions: <ul style="list-style-type: none"> <input type="checkbox"/> How can I use place value to solve addition problems? <input type="checkbox"/> How can I use place value to solve subtraction problems? <input type="checkbox"/> What models can I use to help solve missing number problems? <input type="checkbox"/> What effective methods can I apply to solve multiplication problems? <input type="checkbox"/> How can I apply patterns in halving to find effective methods to divide? <input type="checkbox"/> What effective methods can I apply to solve division problems? 	Big questions: <ul style="list-style-type: none"> <input type="checkbox"/> What are the names of common 2-D and 3-D shapes? <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 four points of the compass used to show direction? 	Big questions: <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 extract data from tables and lists, and present it in an effective way? <input type="checkbox"/> What is the most effective way to present different sets of data? <input type="checkbox"/> How are graphs constructed? 	Big questions: <ul style="list-style-type: none"> <input type="checkbox"/> How can I round to a given degree of accuracy? <input type="checkbox"/> What is the value of different coins, and how can these be combined to make a given sum of money? <input type="checkbox"/> How can I calculate change? 	Big questions: <ul style="list-style-type: none"> <input type="checkbox"/> How can I recognise common properties of numbers, including odd, even, multiples and factors? <input type="checkbox"/> What are the benefits of using formal methods for addition, subtraction, multiplication and division? <input type="checkbox"/> How can the inclusion of a symbol be used to represent an unknown?

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<p>Assessment:</p> <p>Rollover: CFU / diagnostic assessment – pre unit place value (level 3/level 4)</p> <p>Aut 1: CFU / diagnostic assessment – post unit place value (level 3/level 4)</p> <p>HW / CFU</p> <ul style="list-style-type: none"> <input type="checkbox"/> Rounding <input type="checkbox"/> Adding mentally <input type="checkbox"/> Ordering values <input type="checkbox"/> Money <input type="checkbox"/> Spotting patterns 	<p>Assessment:</p> <p>CFU / diagnostic assessment – Pre unit place value (level 4)</p> <p>CFU / diagnostic assessment – post unit place value (level 4)</p> <p>CFU – Testbase Arithmetic test 1 – 4 (Level 3 / 4)</p> <p>HW / CFU</p> <ul style="list-style-type: none"> <input type="checkbox"/> Formal addition <input type="checkbox"/> Subtraction <input type="checkbox"/> Multiples 	<p>Assessment:</p> <p>CFU – Diagnostic assessment – Shape and space (Year 3 / 4)</p> <p>CFU – Testbase Arithmetic test 5 – 8 (Level 3 / 4)</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>CFU – Diagnostic assessment – Data and stats (Year 3 / 4)</p> <p>CFU – Testbase Arithmetic test 9 – 10 (Level 3 / 4)</p> <p>HW / CFU</p> <ul style="list-style-type: none"> <input type="checkbox"/> Pictograms 1 <input type="checkbox"/> Pictograms 2 <input type="checkbox"/> Bar graphs 1 <input type="checkbox"/> Bar graphs 2 	<p>Assessment:</p> <p>CFU / diagnostic assessment – pre unit place value (level 4/level 5)</p> <p>CFU / diagnostic assessment – post unit place value (level 4/level 5)</p> <p>CFU – Testbase Arithmetic test 1 – 4 (Level 4 / 5)</p> <p>HW / CFU</p> <ul style="list-style-type: none"> <input type="checkbox"/> Rounding <input type="checkbox"/> Adding mentally <input type="checkbox"/> Ordering values <input type="checkbox"/> Money 	<p>Assessment:</p> <p>CFU / diagnostic assessment – Pre unit place value (level 5)</p> <p>CFU / diagnostic assessment – post unit place value (level)</p> <p>CFU – Testbase Arithmetic test 5 – 8 (Level 4 / 5)</p> <p>HW / CFU</p> <ul style="list-style-type: none"> <input type="checkbox"/> Formal addition <input type="checkbox"/> Subtraction <input type="checkbox"/> Multiples/factors <input type="checkbox"/> Missing number problems
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