



	Theme	Overview of key learning to take place	How learning will be assessed
Term 2	Unit 9: Interpreting graphs Unit 10: Algebra Unit 11: Ratio and Proportion Unit 12: Fractions and Decimals Unit 13: Proportion	<p>Unit 9 : Interpreting Graphs</p> <ul style="list-style-type: none"> a) I can interpret graphs and diagrams b) I can draw pie charts relative to total frequency c) I can read scatter graphs d) I can understand correlation e) I can create scatter graphs and use a line of best fit <p>Unit 10 : Algebra</p> <ul style="list-style-type: none"> a) I can simplify algebraic expressions involving the four basic operations b) I can simplify algebraic expressions by combining like terms c) I can remove brackets from an expression (simplifying) d) I can manipulate algebraic expressions and identify algebraic expressions e) I can write algebraic expressions involving powers <p>Unit 11: Ratio and Proportion</p> <ul style="list-style-type: none"> a) I can simplify ratios b) I can simplify ratios in different units c) I can solve ratio and proportion problems d) I can compare lengths, areas, and volumes of 2D and 3D shapes (ratio) e) I can enlarge a 2D shape by a fractional scale factor f) I can understand how to use map scales <p>Unit 12: Fractions and Decimals</p> <ul style="list-style-type: none"> a) I can add or subtract fractions including mixed numbers 	<p>Examples of Formative Assessment to be used this term: Question worksheets Exercise tasks</p> <p>Summative assessment Assessment to take place 2 times this term. Week 5- Online quiz Unit 8 and 9 Week 10- Online quiz Chapter 10, 11 and 12</p> <p>Students will receive a mark for each assessment and personalised next steps for improvement</p>

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| | <ul style="list-style-type: none">b) I can multiply a fraction or a mixed number and an integerc) I can divide a fraction or a mixed number by an integer and divide an integer or a mixed number by a fractiond) I can multiply with combinations of large and small numbers mentallye) I can divide combinations of large or small numbers mentally | |
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Unit 13: Proportion

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| | <ul style="list-style-type: none">a) I can find missing values in problems involving proportionb) I can represent direct proportion and indirect proportion graphically and algebraicallyc) I can recognise direct and inverse proportion and work out missing values | |
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