

**Curriculum Long Term Planning Overview**

**Key Stage 3**

**Subject Area:  
Maths**

**Academic Year: 2022-23**

Year	Study Modules	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
<b>Year 7 Set 2</b>	<b>Study Modules</b>	<p><b>Numbers and The Number System</b></p> <p>Identify and use the prime factorisation of a number</p> <p>Understand and use standard form</p> <p><b>Calculating</b></p> <p>Calculate with negative numbers</p> <p>Apply the correct order of operations</p>	<p><b>Calculating</b></p> <p>Calculate with negative numbers</p> <p>Apply the correct order of operations</p>	<b>Algebraic</b>	<p><b>Calculating Fractions, Decimals and Percentages</b></p> <p>Calculate with fractions</p> <p>Calculate with percentages</p> <p><b>Proportional Reasoning</b></p> <p>Explore the uses of ratio</p> <p>Investigate the connection between ratio and proportion</p> <p>Solve problems involving proportional reasoning</p> <p>Solve problems involving compound units</p>	<p><b>Sequences II</b></p> <p>Explore sequences</p>	<p><b>Solving Equations and Inequalities I</b></p> <p>Explore ways of solving equations</p> <p>Solve two-step equations</p> <p>Solve three-step equations</p>



**Understanding**

**Manipulation**

**Investigating**



**Risk I**

Understand the meaning of probability

Explore experiments and outcomes

Develop understanding of probability

**Sequences I**

Explore number sequences

Explore sequences

Understand the vocabulary and notation of algebra

Manipulate algebraic functions

Explore functions

Evaluate algebraic statements

**Exploring Fractions, Decimals and Percentages**

Explore links between fractions, decimals and percentages

**Calculating Fractions, Decimals and Percentages**

Calculate with fractions

Calculate with percentages

**Angles**

Develop knowledge of angles

Explore geometrical situations involving parallel lines



**Assessment**

Open book  
end of topic  
assessment

Closed book  
end of term  
test

Open book  
end of topic  
assessment

Open book  
end of topic  
assessment

Open book  
end of topic  
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Closed book  
end of term  
test





**Manipulation**

**Understanding**

**Manipulation III**





**Assessment**

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assessment

Closed book  
end of term  
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Open book  
end of topic  
assessment

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end of topic  
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