

**New Scheme of Work GCSE Mathematics (9-1)**  
**Term 1 & 2 - Year 10 September 2018**

The table below shows the topics to be covered in lessons in Term 1

<b>Week Beginning</b>	<b>Topic</b>	<b>Topics Covered</b>
<b>3 Sept Week 1</b>	Interpreting & Representing Data Section 3.4 – 3.6	Line of Best Fit Averages and Range, More Statistical Diagrams
<b>10 Sept Week 2</b>	Interpreting & Representing Data: Check Up, Strengthen & Extend, Problem solving <b>Unit 3 Test</b>	
<b>17 Sept Week 1</b>	Fractions, Ratio & Percentages Section 4.1 – 4.4	Fractions, Ratios, Ratio & Proportion
<b>24 Sept Week 2</b>	Fractions, Ratio & Percentages Section 4.5 Fractions, Ratio & Percentages: Check Up, Strengthen & Extend Top Sets: Extension Work	Fractions, Decimals and Percentages
<b>1 Oct Week 1</b>	Problem Solving Unit 4 textbook test Consolidation of Unit 3&4.	
<b>8 Oct Week 2</b>	<b>End of term 3&amp;4 test</b> Angles and Trigonometry Section 5.1 – 5.3	Angle properties of Triangles and Quadrilaterals, Interior angles of Polygons, Exterior angles of Polygons,
<b>15 Oct Week 1</b>	Angles and Trigonometry Section 5.4 – 5.7	Pythagoras' Theorem 1 Pythagoras' Theorem 2, Trigonometry 1 & 2
<b>Half Term</b>		
<b>29 Oct Week 2</b>	Angles and Trigonometry: Checkup, Strengthen & Extend, Problem solving <b>Unit 5 test</b>	
<b>5 Nov Week 1</b>	Graphs Section 6.1 – 6.4	Linear Graphs More Linear Graphs, Rates of Change, Real Life Graphs
<b>12 Nov Week 2</b>	Graphs Section 6.5 – 6.8	Line Segments, Quadratic Graphs, Cubic and Reciprocal Graphs, More graphs
<b>19 Nov Week 1</b>	Graphs: Check Up, Strengthen & Extend, Unit 6 textbook test	
<b>26 Nov Week 2</b>	Problem solving Consolidation of unit 5&6	
<b>3 Dec Week 1</b>	<b>End of Term test Unit 5&amp;6</b>	
<b>10 Dec Week 2</b>	Area and Volume Section 7.1 – 7.4	Perimeter & Area, Units of Accuracy, Prisms
<b>17 Dec Week 1</b>	Area and Volume Section 7.5 – 7.7	Circles, Sectors of Circles, Cylinders & Spheres, Pyramids and Cones

**New Scheme of Work GCSE Mathematics (9-1)**  
**Term 3 & 4 - Year 10 January 2018**

The table below shows the topics to be covered in lessons in Terms 3 & 4

<b>Week Beginning</b>	<b>Maths Lessons:</b>	<b>Topics Covered</b>
<b>7 Jan Week 2</b>	Area and Volume: Check Up, Strengthen & Extend, Problem solving Top Sets: Extension Work Unit 7 textbook test	
<b>14 Jan Week 1</b>	Transformations and Constructions Section 8.1 – 8.4	3D Solids, Reflection & Rotation, Enlargement,
<b>21 Jan Week 2</b>	Transformations and Constructions Section 8.5 – 8.8	Combinations of Transformations, Bearings and Scale Drawings Constructions 1 Constructions 2, Loci
<b>28 Jan Week 1</b>	Transformations and Constructions: Checkup, Strengthen & Extend Problem Solving	
<b>4 Feb Week 2</b>	Consolidation of Unit 6, 7 and 8 <b>End of term test Unit 6-8</b>	
<b>11 Feb Week 1</b>	Equations and Inequalities Section 9.1 – 9.4	Solving Quadratic Equations 1 & 2, Completing the Square, Solving Simultaneous Equations
	Half Term	
<b>25 Feb Week 2</b>	Equations and Inequalities Section 9.5 – 9.7	More Simultaneous Equations, Solving Linear & Quadratic Simultaneous Equations, Solving Linear Inequalities
<b>4 Mar Week 1</b>	Equations and Inequalities: Check Up, Strengthen & Extend Problem solving <b>Unit 9 test</b>	
<b>11 Mar Week 2</b>	Probability Section 10.1 – 10.4	Combined Events, Mutually Exclusive Events, Experimental Probability, Independent Events & Tree Diagrams,
<b>18 Mar Week 1</b>	Probability: Section 10.5 – 10.6, Check Up, Strengthen & Extend <b>Unit 10 Test</b>	Conditional Probability, Venn Diagrams
<b>25 Mar Week 2</b>	Multiplicative Reasoning: Section 11.1 – 11.4	Growth & Decay, Compound Measures, More Compound Measures, Ratio & Proportion
<b>1 Apr Week 1</b>	Multiplicative Reasoning: Check Up, Strengthen & Extend, Problem solving	

**New Scheme of Work GCSE Mathematics (9-1)**  
**Term 5 & 6 – Year 10 April 2018**

The table below shows the topics to be covered in lessons in Terms 5 & 6

<b>Week Beginning</b>	<b>Maths Lessons:</b>	<b>Topics Covered</b>
<b>23 April Week 2</b>	Consolidation of Unit 9, 10 and 11	
<b>29 April Week 1</b>	<b>End of Unit 9-11 test</b> Similarity and Congruence Section 12.1 – 12.3	Congruence, Geometric Proof, Similarity,
<b>6 May Week 2</b>	Similarity and Congruence Section 12.4, Check up, Strengthen & Extend <b>Unit 12 test</b>	More Similarity, Similarity in 3D
<b>13 May Week 1</b>	More Trigonometry Section 13.1 – 13.4	Accuracy, Graph of sine Curve, Graph of Cosine Curve, Tangent Function, Areas and Sine Rule
<b>20 May Week 2</b>	More Trigonometry Section 13.5 – 13.6 Strengthen & Extend Top Sets (Section 13.7 - 13.8)	Cosine Rule, Solving Problems in 3D <b>(Transformation of Trig Graphs)</b>
	Half Term	
<b>3 June Week 1</b>	Revision	
<b>10 June Week 2</b>	Revision	
<b>17 June Week 1</b>	Revision	
<b>24 June Week 2</b>	<b>YEAR 10 EXAMS???</b>	
<b>1 July Week 1</b>	Further Statistics Section 14.1 – 14.4	Sampling, Cumulative Frequency, Box Plots, <b>Histograms</b>
<b>8 July Week 2</b>	Further Statistics Section 14.5 – 14.6 Further Statistics: Check Up, Strengthen & Extend, Top Sets: Extension Work	<b>Interpreting Histograms, Comparing Populations</b>
<b>15 July Week 1</b>	Exam Corrections	