

GCSE Mathematics (8300) 3-year foundation tier Route Map



Number



Algebra



Ratio, proportion
and rates of change



Geometry and
measures



Probability



Statistics

GCSE Mathematics (8300) 3-year foundation tier Route Map

Year 9

SEPTEMBER				OCTOBER				NOVEMBER	
<u>Wk1</u>	<u>Wk2</u>	<u>Wk3</u>	<u>Wk4</u>	<u>Wk5</u>	<u>Wk6</u>	<u>Wk7</u>	<u>Wk8</u>	<u>Wk9</u>	<u>Wk10</u>
Basic number	Factors and multiples	Angles	Scale diagrams and bearings	Basic algebra		Review and revision 1	Holiday	Basic fractions	Coordinates and linear graphs
NOVEMBER			DECEMBER				JANUARY		
<u>Wk11</u>	<u>Wk12</u>	<u>Wk13</u>	<u>Wk14</u>	<u>Wk15</u>	<u>Wk16</u>	<u>Wk17</u>	<u>Wk18</u>	<u>Wk19</u>	<u>Wk20</u>
Basic decimals	Rounding	Collecting and representing data		Year 9 examinations and revision	Holiday	Holiday	Sequences	Basic percentages	
JANUARY	FEBRUARY				MARCH				
<u>Wk21</u>	<u>Wk22</u>	<u>Wk23</u>	<u>Wk24</u>	<u>Wk25</u>	<u>Wk26</u>	<u>Wk27</u>	<u>Wk28</u>	<u>Wk29</u>	<u>Wk30</u>
Introduction to perimeter and area	Review and revision 2		Holiday	Introduction to circumference and area	Ratio and proportion		Basic probability		Review and revision 3
APRIL				MAY				JUNE	
<u>Wk31</u>	<u>Wk32</u>	<u>Wk33</u>	<u>Wk34</u>	<u>Wk35</u>	<u>Wk36</u>	<u>Wk37</u>	<u>Wk38</u>	<u>Wk39</u>	<u>Wk40</u>
Holiday	Holiday	Equations		Scatter graphs	Review and revision 4		Holiday	Transformations	
JUNE		JULY							
<u>Wk41</u>	<u>Wk42</u>	<u>Wk43</u>	<u>Wk44</u>	<u>Wk45</u>					
Summer examinations and Revision	Summer examinations and Revision	Pythagoras' theorem	2D representations of 3D shapes						

Year 10

SEPTEMBER				OCTOBER				NOVEMBER	
Wk1	Wk2	Wk3	Wk4	Wk5	Wk6	Wk7	Wk8	Wk9	Wk10
Review and revision 5	Standard form	Calculating with percentages		Measures		Review and revision 6	Holiday	Statistical measures	
NOVEMBER			DECEMBER				JANUARY		
Wk11	Wk12	Wk13	Wk14	Wk15	Wk16	Wk17	Wk18	Wk19	Wk20
Indices	Constructions and loci		Year 10 examinations and revision	Year 10 examinations and revision	Holiday	Holiday	Algebra recap and extension	Congruence and similarity	
JANUARY		FEBRUARY				MARCH			
Wk21	Wk22	Wk23	Wk24	Wk25	Wk26	Wk27	Wk28	Wk29	Wk30
Introduction to trigonometry		Review and revision 7	Holiday	Further perimeter and area		Graphs recap and extension	Further circumference and area		Review and revision 8
APRIL				MAY				JUNE	
Wk31	Wk32	Wk33	Wk34	Wk35	Wk36	Wk37	Wk38	Wk39	Wk40
Holiday	Holiday	Simultaneous equations		Properties of polygons	Review and revision 9		Holiday	Real life graphs	
JUNE			JULY						
Wk41	Wk42	Wk43	Wk44	Wk45					
Summer examinations and revision	Summer examinations and revision	Review of basic probability	Probability						

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Year 11

SEPTEMBER				OCTOBER				NOVEMBER	
Wk1	Wk2	Wk3	Wk4	Wk5	Wk6	Wk7	Wk8	Wk9	Wk10
Review and revision 10		Volume		Algebra: Quadratics, rearranging formulae and identities		Review and revision 11	Holiday	Inequalities	Algebra and graphs
NOVEMBER			DECEMBER				JANUARY		
Wk11	Wk12	Wk13	Wk14	Wk15	Wk16	Wk17	Wk18	Wk19	Wk20
Algebra and graphs (continued)	Sketching graphs		Mock examinations and revision	Mock examinations and revision	Holiday	Holiday	Direct and inverse proportion		Trigonometry
JANUARY		FEBRUARY				MARCH			
Wk21	Wk22	Wk23	Wk24	Wk25	Wk26	Wk27	Wk28	Wk29	Wk30
Trigonometry (continued)	Review and revision 12	Holiday	Solving quadratic equations		Quadratic graphs		Growth and decay	Review and revision 13	Holiday
APRIL				MAY				JUNE	
Wk31	Wk32	Wk33	Wk34	Wk35	Wk36	Wk37	Wk38	Wk39	Wk40
Holiday	Vectors		Revision				Holiday	Revision	
JUNE			JULY						
Wk41	Wk42	Wk43	Wk44	Wk45					
June examinations	June examinations								