

**Collins**

# **GCSE Maths**

3 year Higher tier route map

### 3 year Higher tier route map YEAR 9

<b>Key</b>	<b>N: Number</b>	<b>S: Statistics</b>	<b>P: Probability, proportion and rates of change</b>
	<b>A: Algebra</b>	<b>R: Ratio</b>	<b>G: Geometry and measures</b>

SEPTEMBER			OCTOBER				NOVEMBER		
<u>Weeks 1 – 3</u> N: Number Skills and Properties			<u>Weeks 4 – 6</u> N: Fractions, Ratios and Proportion		<u>Week 7</u> Review and revision 1	<u>Week 8</u> Holiday	<u>Weeks 9 – 10</u> S: Statistics Statistical diagrams and averages		
NOVEMBER			DECEMBER				JANUARY		
<u>Weeks 11 – 12</u> A: Number and Sequences		<u>Weeks 13 – 14</u> R: Ratio and Proportion Emphasis on core skills		<u>Week 15</u> Examinations and revision	<u>Week 16</u> Holiday	<u>Week 17</u> Holiday	<u>Weeks 18 – 19</u> R: Ratio and Proportion Emphasis on problem solving and reasoning		
<u>Weeks 20 – 21</u> G: Angles		JANUARY			FEBRUARY		MARCH		
<u>Week 22</u> G: Length and area	<u>Week 23</u> Review and Revision 2	<u>Week 24</u> Holiday	<u>Weeks 25 – 26</u> G: Transformations			<u>Weeks 27 – 28</u> G: Constructions and Loci		<u>Week 29</u> A: Algebraic manipulation	<u>Week 30</u> Review and revision 3
APRIL			MAY				JUNE		
<u>Week 31</u> Holiday	<u>Week 32</u> Holiday	<u>Weeks 33 – 35</u> G: Length, Area and Volume			<u>Week 36</u> Review and revision 4	<u>Week 37</u> Review and revision 4	<u>Week 38</u> Holiday	<u>Weeks 39 – 40</u> A: Linear Graphs	
JUNE			JULY						
<u>Week 41</u> Summer examinations and revision	<u>Week 42</u> Summer examinations and revision	<u>Weeks 43 – 45</u> G: Right Angled Triangles Pythagoras and intro to trigonometry							

### 3 year Higher tier route map YEAR 10

SEPTEMBER			OCTOBER				NOVEMBER	
<u>Week 1</u> Review and revision 5	<u>Weeks 2 – 3</u> G: Congruency and Similarity	<u>Weeks 4 – 5</u> P: Probability Exploring and applying	<u>Week 6</u> N: Powers Laws of indices		<u>Week 7</u> Review and revision 6	<u>Week 8</u> Holiday	<u>Weeks 9 – 10</u> N: Powers and Standard Form	
NOVEMBER		DECEMBER				JANUARY		
<u>Weeks 11 – 13</u> A: Algebraic Manipulation Simultaneous equations and graphs		<u>Week 14</u> Examinations and revision	<u>Week 15</u> Examinations and revision	<u>Week 16</u> Holiday	<u>Week 17</u> Holiday	<u>Weeks 18 – 19</u> A: Algebraic Manipulation Quadratic equations and graphs	<u>Week 20</u> Number recap and review	
JANUARY		FEBRUARY		MARCH				
<u>Weeks 21 – 22</u> N: Equations and Inequalities		<u>Week 23</u> Review and Revision 7	<u>Week 24</u> Holiday	<u>Weeks 25 – 26</u> G: Triangles Trigonometry		<u>Week 27</u> Statistics recap and review	<u>Weeks 28 – 29</u> N: Number Accuracy	<u>Week 30</u> Review and revision 6
APRIL			MAY			JUNE		
<u>Week 31</u> Holiday	<u>Week 32</u> Holiday	<u>Weeks 33 – 35</u> N: Number Powers and surds		<u>Week 36</u> N: Number / Review and revision 8	<u>Week 37</u> Review and revision 9	<u>Week 38</u> Holiday	<u>Weeks 39 – 40</u> A: Quadratic Equations and graphs	
JUNE		JULY						
<u>Week 41</u> Summer examinations and revision	<u>Week 42</u> Summer examinations and revision	<u>Weeks 43 – 45</u> A: Quadratic Equations Graphs, solving, quadratic formula, difference of 2 squares						

### 3 year Higher tier route map YEAR 11

SEPTEMBER			OCTOBER				NOVEMBER	
<u>Week 1</u> Review and revision 10	<u>Weeks 2 – 4</u> S: Statistics Sampling and more complex diagrams		<u>Weeks 5 – 6</u> P: Probability Combined events		<u>Week 7</u> Review and revision 11	<u>Week 8</u> Holiday	<u>Week 9</u> Algebra recap and review	<u>Weeks 10 – 11</u> G: Circle Theorems Properties of circles
NOVEMBER			DECEMBER				JANUARY	
<u>Weeks 12 – 13</u> R: Variation Direct and inverse			<u>Week 14</u> Mock examinations and revision	<u>Week 15</u> Mock examinations and revision	<u>Week 16</u> Holiday	<u>Week 17</u> Holiday	<u>Weeks 18 – 19</u> G: Triangles Trigonometry	<u>Weeks 20 – 21</u> A: Graphs
JANUARY		FEBRUARY			MARCH			
<u>Week 22</u> Review and revision 12		<u>Week 23</u> Holiday	<u>Weeks 24 – 26</u> A: Graphs		<u>Weeks 27 – 28</u> A: Algebraic Fractions and Functions		<u>Week 29</u> Review and revision 13	<u>Week 30</u> Holiday
APRIL			MAY				JUNE	
<u>Week 31</u> Holiday	<u>Weeks 32 – 33</u> A: Algebraic Fractions and Functions Transformation of graphs		<u>Weeks 34 – 35</u> G: Vectors		<u>Weeks 36 – 37</u> Revision		<u>Week 38</u> Holiday	<u>Weeks 39 – 40</u> Revision
JUNE			JULY					
<u>Week 41</u> June examinations	<u>Week 42</u> June examinations	<u>Week 43</u>	<u>Week 44</u>	<u>Week 45</u>				