

## GCSE Mathematics Personalised Learning Checklist

**Exam Board: AQA**

**My target grade is:**

**Topic/Module: Exam content- Higher**

**Year Group: 11**

**My predicted grade is:**

Use this checklist before your assessment to focus your revision, and after to check the effectiveness of your revision

<b>G</b>	I am confident about this topic and I know what I need to do to revise it
<b>A</b>	I am not too sure about this topic, I may need to check with my teacher and spend more time revising this topic
<b>R</b>	I am not confident I could answer a question on this topic. I need to check with my teacher and ensure I have what I need to revise it.

Revision Resources	Topic / Unit Focus	R	A	G
<b>Algebra – 30% of exam</b>				
30	Simplifying			
31 – 33	Indices			
33 – 35	Expanding and Factorising			
35 – 39	Formula			
543 – 556	Functions			
280 – 286	Quadratic equations			
287 – 293	Simultaneous equations			
293 – 295	Inequalities			
472 – 490	Graphs			
40 – 45	Linear and quadratic sequences			
<b>Ratio – 20% of exam</b>				
103	Proportion			
101	Ratio and scales			

108 – 119	Percentage change			
343 – 351	Compound units			
588 – 594	Direct and inverse proportion			
340 – 342	Growth and decay			
<b>Probability and Statistics - 15% of exam</b>				
75 – 81	Averages and spread			
44 – 453	Frequency diagrams			
443 – 445	Cumulative frequency graphs			
310 – 313	Probability experiments			
314 – 317	Tree diagrams			
<b>Number - 15% of exam</b>				
1 – 4	Place value and rounding			
108 – 118	Fractions, decimals and percentages			
4 – 5	Estimation and approximation			
6 - 7	Factors and multiples			
11 – 13	Powers and roots			
16 – 18	Surds			
8 – 10	Calculating with roots and indices			
14 – 15	Standard form			
<b>Geometry – 20% of exam</b>				
122 – 130	Triangles and polygons			
363 – 381	Congruence and similarity			
240 – 263	Transformations			
213 – 219	Circles			
204 – 212 & 220 – 226	Volume and surface area			

131 – 135	Pythagoras theorem			
136 – 145 & 399 – 426	Trigonometry			

**Additional Support/ Guidance:**

1. Show all your working out.
2. Check your rounding.
3. Check your units.
4. Read each question twice.
5. Write on diagrams, it could mean method marks.
6. If you can't answer a question, leave it and return to it later if you have time.

**PiXL Maths app**

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**MathsWatch**

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Password: mathswatch

Visit [www.corbettmaths.com](http://www.corbettmaths.com) for videos and exam questions.

**MyMaths for lessons**

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