

# Year 11 Maths GCSE Revision Resources

<b>Subject</b> Mathematics		<b>Papers</b> 3 papers Paper 1 – Non calculator Paper 2 – Calculator Paper 3 – Calculator	<b>Duration</b> 1hr 30 mins each
Calculator – Make sure you have a working scientific calculator. We sell the logik calculators from reception but you can get casio class wiz calculators from most supermarkets.			
<b>Websites to use</b>		<b>What is on there</b>	
1	<a href="https://www.sparxmaths.uk/">https://www.sparxmaths.uk/</a>	Use the independent learning section to work on the areas you struggled with on your mock. Use Pinpoint maths to identify which areas you need to work on – the codes for topics you need to work on will be in your pinpoint <b>maths matrix</b>	
2	<a href="https://www.pinpointlearning.co.uk/Student_login.php">https://www.pinpointlearning.co.uk/Student_login.php</a>	You will have put your October Mock papers in to this so will have bespoke revision questions to work through. It also has Sparx codes next to the topics identified that you need to work on. Make sure you also put your homework papers into this to get your new bespoke revision booklet and updated maths matrix.	
3	<a href="https://www.onmaths.com/">https://www.onmaths.com/</a>	Unlimited predicted papers. Make sure you select the right tier (higher/ foundation) and AQA and then work through the questions. Have a pen and paper to hand for working out too.	
4	Past papers – Set every fortnight in lessons	When completing your past paper: <ol style="list-style-type: none"> <li>1. Give yourself 1 hour and 30 mins to complete it.</li> <li>2. Anything you don't complete in that time do in a different colour</li> <li>3. After marking your answers, put your scores into pinpoint to get your 5 key topics to work on.</li> <li>4. Plan to do focused revision on these topics before you complete another paper.</li> </ol>	

On the checklist, using three colours, RAG rate the topics in the following way to focus your revision:

RED - Not Confident    AMBER – Okay but need to practice    GREEN – Happy with this

# GCSE Foundation Tier Checklist

Angle Facts - Video 35, 30, 34, 39  
Types of Angle - Video 38  
Angles in Parallel Lines - Video 25  
Angles in a Triangle - Video 37  
Angles in a Quadrilateral - Video 33  
Angles in Polygons - Video 32  
Bearings - Videos 26, 27  
Scales & Maps - Video 283  
Perimeter - Video 241  
Area of Rectangles/Triangles - Videos 45, 49  
Area of a Trapezium - Video 48  
Units - Videos 347, 349  
Sensible Estimates - Video 285  
Line Symmetry - Video 316  
Rotational Symmetry - Video 317  
Constructions - Videos 72, 78, 83  
Locl - Videos 75, 76, 77  
Faces, Edges, Vertices - Videos 5, 3  
Nets - Video 4  
Views and Elevations - Video 354  
Time Calculations - Video 322  
Timetables - Video 320  
Distance Charts - Video 318  
Speed, Distance, Time - Video 299  
Travel Graphs - Video 171  
Density - Video 384  
Pressure - Video 385  
Translations - Video 325, 326  
Reflections - Videos 272, 273  
Rotations - Video 275  
Enlargements - Videos 104, 105, 107  
Parts of the Circle - Video 61  
Circumference - Video 60, 243  
Area of a Circle - Video 59, 47  
Arc Length - Video 58  
Area of a Sector - Video 46  
Volume of a Cylinder - Video 357  
Pythagoras - Video 257  
Trigonometry - Videos 329, 330, 331  
Exact Trig Values - Video 341  
Similar Shapes (sides) - Video 292  
Congruent Triangles - Video 67  
Volume of a Cuboid/Prism - Video 355, 356  
Volume of a Sphere/Cone - Videos 359, 361  
Surface Area - Video 310  
Surface area of Sphere/Cone - Videos 313, 314  
Vectors - Video 353a, 353

Multiplication - Video 199, 200  
Division - Video 98  
Addition - Video 6  
Subtraction - Video 304  
Rounding - Video 276, 277a, 277b, 278, 280  
Estimation - Video 215  
Order of Operations - Video 211  
Ordering Decimals - Video 95  
Arithmetic with Decimals - Videos 90, 91, 92, 93, 94  
Multiples and Factors - Videos 220, 216  
Prime Numbers - Video 225  
Square Numbers and Square Roots - Videos 226, 228  
Cube Numbers and Cube Roots - Videos 212, 214  
Product of Primes - Video 223  
LCM/HCF - Videos 218, 219, 224  
Indices - Videos 172, 174  
Negative Indices - Video 175  
Standard Form - Video 300, 302, 303  
Fractions of Amounts - Video 137  
Adding Fractions - Video 133  
Multiplying Fractions - Video 142  
Dividing Fractions - Video 134  
Reciprocals - Video 145  
Fractions, Decimals, Percentages - Videos 121 to 129  
Expressing as Fraction or % - Videos 136, 237  
Percentages of Amounts - Videos 234, 235, 238  
Percentage Change - Video 233  
Simple Interest - Video 236a  
Compound Interest - Video 236  
Reverse Percentages - Video 240  
Ratio - Videos 269, 270, 271  
Currency - Video 214a  
Recipes - Video 256  
Negative Numbers - Videos 205-209  
Place Value - Video 222, 222a  
Error Intervals - Video 377  
Money - Video 400  
Best Buys - Video 210  
Proportion - Videos 255a, 254  
Use of a Calculator - Video 352

Tally Charts - Video 321  
Frequency Trees - Video 376  
Two-way Tables - Video 319  
Pictograms - Videos 161, 162  
Bar Charts - Videos 147, 148  
Line Graphs - Video 160  
Pie Charts - Video 163, 164  
Probability - Videos 245, 246, 248  
Relative Frequency - Video 248  
Listing Outcomes - Video 253  
Scatter Graphs - Videos 165 to 168  
Averages & Range - Videos 56, 50, 53, 57  
Mode: Frequency Table - Video 56a  
Median: Frequency Table - Video 51  
Combined Mean - Video 53a  
Estimated Mean - Video 55  
Venn Diagrams - Video 380  
Tree Diagrams - Video 252  
Reading Tables - Video 387  
Samples - Video 281a  
Coordinates - Video 84  
Function Machine - Video 386  
Writing Expressions - Video 16  
Collecting Like Terms - Video 9  
Multiplying & Dividing Terms - Videos 18, 11  
Laws of Indices - Video 174  
Sequences - Videos 286, 287, 290, 287a  
Geometric Progressions - Video 375  
The  $n$ th Term - Video 288  
Expanding Brackets - Videos 13, 14  
Factorising - Video 117  
Factorising Quadratics - Videos 118, 120  
Solving Equations - Video 110, 113, 266  
Forming Equations - Videos 114, 115  
Inequalities - Videos 177, 178, 179  
Conversion Graphs - Video 151  
Drawing Linear Graphs - Video 186  
 $y = mx + c$  - Video 191  
Gradient - Video 189  
Real Life Graphs - Video 171a  
Parallel graphs - Video 196  
Substitution - Video 20  
Changing the Subject - Video 7  
Simultaneous Equations - Videos 295, 297  
Quadratic Graphs - Video 264  
Cubic Graphs - Video 344  
Reciprocal Graphs - Video 346