



Year 11 Maths (Higher)

Revision Support 2021-22

Mathematics – Higher

Advice and support for all Year 11 Higher students
Regular independent study will aid the recall of knowledge and enhance your skills to ensure targets are met next year

Tick when complete

- Complete weekly topic worksheets – These are designed to test graded skills.
- Print off the Hegarty Maths PLCs. These summarise everything you need to learn.
- Use Hegarty Maths – watch tutorial videos and copy modelled examples.
- Complete topic quizzes.
- Download and practice past AQA exam questions from Maths’s genie website.
- Complete exam questions under timed conditions.
- Mark papers and identify areas of weakness.
- Use Hegarty Maths to watch tutorial videos and redo exam questions.
- Create a revision timetable that includes all units covered, ensure you allocate extra time for the areas you have identified as a weakness.

Internet websites and apps for study support

- <https://corbettmaths.com/contents/> - lots of videos and practise questions - 5 a day
- <https://www.mathsgenie.co.uk/> - Great for past exam questions and graded exam topics
- <https://mathsbot.com/> - Excellent for warm up questions, quizzes and formulae
- <https://www.dr frostmaths.com/>

Topics to practise	Where to revise (Hegarty Maths)	Tick when complete
Reciprocal	71	
Bounds	137, 138, 139	
Products	67, 68, 69	
Negative	104 – 110	
Of a circle	778, 779	
Linear	176 – 189	
Quadratic	230 – 234, 238, 239, 241, 242, 244, 245	
Number line inequality	265, 266	
Factorisation of quadratic	223 – 228	
Expanding	158, 160 – 166	
Completing the square	235, 236, 237	
Coordinate problem	200, 824	
Perpendicular lines	215, 216	
Turning point	255, 256	
Inverse functions	295, 296, 297	
Triangular number	261	
Share into a ratio	332 – 335	
On a line	200, 330, 331, 332	
To percentage	76	
Time	709, 710, 711	
Equation to percentage	176, 82, 83, 87, 89, 90, 97, 98	
Rate of output	738, 896	
Pressure	734 – 737	

Percentage increase	90, 91, 92, 94, 96, 97, 98	
Percentage decrease	90, 91, 92, 95, 96, 97	
Compound shape	555, 558, 582, 591	
Cone	576, 577, 587	
Hemisphere	580, 581, 588	
Volume scale factor	618 – 621	
Plans	837 – 844	
Pythagoras	497 – 507	
Time	709, 710, 711	
Geometric proof	628 – 636, 684 – 690	
Estimation from sample	872, 873	
Pie chart	427, 428, 429	
Mean	405 – 408, 417, 418	
Relative frequency	356, 357	
Expected value	355	
Notation	351	