

Mathematics

Year 10 Revision Plan: Higher Tier

Date and topic focus	Subtopic	Link	✓ complete
13 th April Algebra Key Skills	Solving equations Forming and solving equations Expanding and factorising Indices	https://www.mathsgenie.co.uk/gcse/maths/edexcel/grade-3-3-14-solving-equations/all https://www.mathsgenie.co.uk/gcse/maths/aqa/grade-4-4-6-forming-and-solving-equations/all https://www.mathsgenie.co.uk/gcse/maths/aqa/grade-4-4-8-expanding-and-factorising/all https://www.mathsgenie.co.uk/gcse/maths/aqa/grade-4-4-2-indices/all	
20 th April Angles	Angles Angles in parallel lines Angles in polygons Circle theorems	https://www.mathsgenie.co.uk/gcse/maths/aqa/grade-2-2-10-angles/all https://www.mathsgenie.co.uk/gcse/maths/aqa/grade-4-4-10-angles-in-parallel-lines/all https://www.mathsgenie.co.uk/gcse/maths/aqa/grade-4-4-11-angles-in-polygons/all	
27 th April Pythagoras and Trigonometry	Pythagoras SOHCAHTOA	https://www.mathsgenie.co.uk/gcse/maths/aqa/grade-4-4-9-pythagoras/all https://www.mathsgenie.co.uk/gcse/maths/aqa/grade-5-5-19-sohcahtoa-trigonometry/all	

Date and topic focus	Subtopic	Link	✔ complete
4 th May Quadratics	Expanding and factorising quadratics	https://www.mathsgenie.co.uk/gcse/maths/aqa/grade-5-5-7-expanding-and-factorising-quadratics/all	
11 th May Number Key Skills and Probability	Prime factors, HCF and LCM Fractions, decimals and percentages Probability trees Venn diagrams	https://www.mathsgenie.co.uk/gcse/maths/aqa/grade-4-4-3-prime-factors-hcf-and-lcm/all https://www.mathsgenie.co.uk/gcse/maths/aqa/grade-2-2-5-fractions-decimals-and-percentages/all https://www.mathsgenie.co.uk/gcse/maths/aqa/grade-5-5-22-probability-trees/all https://www.mathsgenie.co.uk/gcse/maths/aqa/grade-5-5-23-venn-diagrams/all	
18 th May Surds	Surds	https://www.mathsgenie.co.uk/gcse/maths/aqa/grade-7-7-1-surds/all	
25 th May HALF TERM Circles and Ratio	Circles area and circumference Writing and simplifying ratio Sharing in a ratio	https://www.mathsgenie.co.uk/gcse/maths/aqa/grade-3-3-16-area-and-circumference-of-circles/all https://www.mathsgenie.co.uk/gcse/maths/aqa/grade-3-3-4-writing-and-simplifying-ratio/all https://www.mathsgenie.co.uk/gcse/maths/aqa/grade-3-3-5-ratio/all	

Date and topic focus	Subtopic	Link	✔ complete
1 st June Circle Theorems and Straight Lines graphs	Circle theorems Linear graphs	https://www.mathsgenie.co.uk/qcse/maths/aqa/grade-6-6-10-circle-theorems/all https://www.mathsgenie.co.uk/qcse/maths/aqa/grade-3-3-15-drawing-linear-graphs/all	
8 th June Sequences and Transformations	Sequences Quadratic sequences Transformations	https://www.mathsgenie.co.uk/qcse/maths/aqa/grade-4-4-7-sequences-nth-term/all https://www.mathsgenie.co.uk/qcse/maths/aqa/grade-8-9-8-5-the-nth-term-of-a-quadratic-sequence/all https://www.mathsgenie.co.uk/qcse/maths/aqa/grade-3-3-17-transformations/all	