

# Mathematics

## Year 10 Revision Plan: Higher Tier

Date and topic focus	Revise	Practice	Mark scheme	✓ complete
14 April Algebra Key Skills	<a href="https://www.mathsgenie.co.uk/solving-equations.html">https://www.mathsgenie.co.uk/solving-equations.html</a>  <a href="https://www.mathsgenie.co.uk/forming-and-solving-equations.html">https://www.mathsgenie.co.uk/forming-and-solving-equations.html</a>  <a href="https://www.mathsgenie.co.uk/expanding-and-factorising.html">https://www.mathsgenie.co.uk/expanding-and-factorising.html</a>  <a href="https://www.mathsgenie.co.uk/indices.html">https://www.mathsgenie.co.uk/indices.html</a>	<a href="https://www.mathsgenie.co.uk/resources/3-solving-equations.pdf">https://www.mathsgenie.co.uk/resources/3-solving-equations.pdf</a>  <a href="https://www.mathsgenie.co.uk/resources/4-forming-and-solving-equations.pdf">https://www.mathsgenie.co.uk/resources/4-forming-and-solving-equations.pdf</a>  <a href="https://www.mathsgenie.co.uk/resources/4-expanding-and-factorising.pdf">https://www.mathsgenie.co.uk/resources/4-expanding-and-factorising.pdf</a>  <a href="https://www.mathsgenie.co.uk/resources/4-indices.pdf">https://www.mathsgenie.co.uk/resources/4-indices.pdf</a>	<a href="https://www.mathsgenie.co.uk/resources/3-solving-equationsans.pdf">https://www.mathsgenie.co.uk/resources/3-solving-equationsans.pdf</a>  <a href="https://www.mathsgenie.co.uk/resources/4-forming-and-solving-equationsans.pdf">https://www.mathsgenie.co.uk/resources/4-forming-and-solving-equationsans.pdf</a>  <a href="https://www.mathsgenie.co.uk/resources/4-expanding-and-factorisingans.pdf">https://www.mathsgenie.co.uk/resources/4-expanding-and-factorisingans.pdf</a>  <a href="https://www.mathsgenie.co.uk/resources/4-indicesans.pdf">https://www.mathsgenie.co.uk/resources/4-indicesans.pdf</a>	
21 April Angles	<a href="https://www.mathsgenie.co.uk/angles.html">https://www.mathsgenie.co.uk/angles.html</a>  <a href="https://www.mathsgenie.co.uk/angles-parallel.html">https://www.mathsgenie.co.uk/angles-parallel.html</a>  <a href="https://www.mathsgenie.co.uk/angles-polygons.html">https://www.mathsgenie.co.uk/angles-polygons.html</a>  <a href="https://www.mathsgenie.co.uk/circle-theorems.html">https://www.mathsgenie.co.uk/circle-theorems.html</a>	<a href="https://www.mathsgenie.co.uk/resources/2-angles.pdf">https://www.mathsgenie.co.uk/resources/2-angles.pdf</a>  <a href="https://www.mathsgenie.co.uk/resources/4-angles-in-parallel-lines.pdf">https://www.mathsgenie.co.uk/resources/4-angles-in-parallel-lines.pdf</a>  <a href="https://www.mathsgenie.co.uk/resources/4-angles-in-polygons.pdf">https://www.mathsgenie.co.uk/resources/4-angles-in-polygons.pdf</a>  <a href="https://www.mathsgenie.co.uk/resources/6-circle-theorems.pdf">https://www.mathsgenie.co.uk/resources/6-circle-theorems.pdf</a>	<a href="https://www.mathsgenie.co.uk/resources/2-anglesans.pdf">https://www.mathsgenie.co.uk/resources/2-anglesans.pdf</a>  <a href="https://www.mathsgenie.co.uk/resources/4-angles-in-parallel-linesans.pdf">https://www.mathsgenie.co.uk/resources/4-angles-in-parallel-linesans.pdf</a>  <a href="https://www.mathsgenie.co.uk/resources/4-angles-in-polygonsans.pdf">https://www.mathsgenie.co.uk/resources/4-angles-in-polygonsans.pdf</a>  <a href="https://www.mathsgenie.co.uk/resources/6-circle-theoremsans.pdf">https://www.mathsgenie.co.uk/resources/6-circle-theoremsans.pdf</a>	
28 April Pythagoras and Trigonometry	<a href="https://www.mathsgenie.co.uk/pythagoras.html">https://www.mathsgenie.co.uk/pythagoras.html</a>  <a href="https://www.mathsgenie.co.uk/sohcahtoa.html">https://www.mathsgenie.co.uk/sohcahtoa.html</a>	<a href="https://www.mathsgenie.co.uk/resources/4-pythagoras.pdf">https://www.mathsgenie.co.uk/resources/4-pythagoras.pdf</a>  <a href="https://www.mathsgenie.co.uk/resources/5-SOHCAHTOA.pdf">https://www.mathsgenie.co.uk/resources/5-SOHCAHTOA.pdf</a>	<a href="https://www.mathsgenie.co.uk/resources/4-pythagorasans.pdf">https://www.mathsgenie.co.uk/resources/4-pythagorasans.pdf</a>  <a href="https://www.mathsgenie.co.uk/resources/5-SOHCAHTOAans.pdf">https://www.mathsgenie.co.uk/resources/5-SOHCAHTOAans.pdf</a>	

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5 May Quadratics	<a href="https://www.mathsgenie.co.uk/expanding-and-factorising-quadratics.html">https://www.mathsgenie.co.uk/expanding-and-factorising-quadratics.html</a>	<a href="https://www.mathsgenie.co.uk/resources/5-expanding-and-factorising-quadratics.pdf">https://www.mathsgenie.co.uk/resources/5-expanding-and-factorising-quadratics.pdf</a>	<a href="https://www.mathsgenie.co.uk/resources/5-expanding-and-factorising-quadraticsans.pdf">https://www.mathsgenie.co.uk/resources/5-expanding-and-factorising-quadraticsans.pdf</a>	
12 May Number Key Skills and Probability	<a href="https://www.mathsgenie.co.uk/HCF_LCM.html">https://www.mathsgenie.co.uk/HCF_LCM.html</a> <a href="https://www.mathsgenie.co.uk/FDP.html">https://www.mathsgenie.co.uk/FDP.html</a> <a href="https://www.mathsgenie.co.uk/probability2.html">https://www.mathsgenie.co.uk/probability2.html</a> <a href="https://www.mathsgenie.co.uk/probability-trees.html">https://www.mathsgenie.co.uk/probability-trees.html</a> <a href="https://www.mathsgenie.co.uk/venn-diagrams.html">https://www.mathsgenie.co.uk/venn-diagrams.html</a>	<a href="https://www.mathsgenie.co.uk/resources/4-HCF-and-LCM.pdf">https://www.mathsgenie.co.uk/resources/4-HCF-and-LCM.pdf</a> <a href="https://www.mathsgenie.co.uk/resources/2-fractions-decimals-and-percentages.pdf">https://www.mathsgenie.co.uk/resources/2-fractions-decimals-and-percentages.pdf</a> <a href="https://www.mathsgenie.co.uk/resources/5-probability-trees.pdf">https://www.mathsgenie.co.uk/resources/5-probability-trees.pdf</a> <a href="https://www.mathsgenie.co.uk/resources/5-venn-diagrams.pdf">https://www.mathsgenie.co.uk/resources/5-venn-diagrams.pdf</a>	<a href="https://www.mathsgenie.co.uk/resources/4-HCF-and-LCMans.pdf">https://www.mathsgenie.co.uk/resources/4-HCF-and-LCMans.pdf</a> <a href="https://www.mathsgenie.co.uk/resources/2-fractions-decimals-and-percentagesans.pdf">https://www.mathsgenie.co.uk/resources/2-fractions-decimals-and-percentagesans.pdf</a> <a href="https://www.mathsgenie.co.uk/resources/4-probability-and-relative-frequencyans.pdf">https://www.mathsgenie.co.uk/resources/4-probability-and-relative-frequencyans.pdf</a> <a href="https://www.mathsgenie.co.uk/resources/5-probability-treesans.pdf">https://www.mathsgenie.co.uk/resources/5-probability-treesans.pdf</a> <a href="https://www.mathsgenie.co.uk/resources/5-venn-diagramsans.pdf">https://www.mathsgenie.co.uk/resources/5-venn-diagramsans.pdf</a>	
19 May Surds	<a href="https://www.mathsgenie.co.uk/surds.html">https://www.mathsgenie.co.uk/surds.html</a>	<a href="https://www.mathsgenie.co.uk/resources/7-surds.pdf">https://www.mathsgenie.co.uk/resources/7-surds.pdf</a>	<a href="https://www.mathsgenie.co.uk/resources/7-surdsans.pdf">https://www.mathsgenie.co.uk/resources/7-surdsans.pdf</a>	
26 May Circles and Ratio	<a href="https://www.mathsgenie.co.uk/circles.html">https://www.mathsgenie.co.uk/circles.html</a> <a href="https://www.mathsgenie.co.uk/writing-simplifying-ratio.html">https://www.mathsgenie.co.uk/writing-simplifying-ratio.html</a> <a href="https://www.mathsgenie.co.uk/ratio.html">https://www.mathsgenie.co.uk/ratio.html</a>	<a href="https://www.mathsgenie.co.uk/resources/3-circles-area-and-circumference.pdf">https://www.mathsgenie.co.uk/resources/3-circles-area-and-circumference.pdf</a> <a href="https://www.mathsgenie.co.uk/resources/3-writing-and-simplifying-ratio.pdf">https://www.mathsgenie.co.uk/resources/3-writing-and-simplifying-ratio.pdf</a> <a href="https://www.mathsgenie.co.uk/resources/3-sharing-ratio.pdf">https://www.mathsgenie.co.uk/resources/3-sharing-ratio.pdf</a>	<a href="https://www.mathsgenie.co.uk/resources/3-circles-area-and-circumferenceans.pdf">https://www.mathsgenie.co.uk/resources/3-circles-area-and-circumferenceans.pdf</a> <a href="https://www.mathsgenie.co.uk/resources/3-writing-and-simplifying-ratioans.pdf">https://www.mathsgenie.co.uk/resources/3-writing-and-simplifying-ratioans.pdf</a> <a href="https://www.mathsgenie.co.uk/resources/3-sharing-ratioans.pdf">https://www.mathsgenie.co.uk/resources/3-sharing-ratioans.pdf</a>	

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2 Jun Circle Theorems and Straight Lines graphs	<a href="https://www.mathsgenie.co.uk/circle-theorems.php">https://www.mathsgenie.co.uk/circle-theorems.php</a>  <a href="https://www.mathsgenie.co.uk/linear-graphs.php">https://www.mathsgenie.co.uk/linear-graphs.php</a>	<a href="https://www.mathsgenie.co.uk/resources/6-circle-theorems.pdf">https://www.mathsgenie.co.uk/resources/6-circle-theorems.pdf</a>  <a href="https://www.mathsgenie.co.uk/resources/3-linear-graphs.pdf">https://www.mathsgenie.co.uk/resources/3-linear-graphs.pdf</a>	<a href="https://www.mathsgenie.co.uk/resources/6-circle-theoremsans.pdf">https://www.mathsgenie.co.uk/resources/6-circle-theoremsans.pdf</a>  <a href="https://www.mathsgenie.co.uk/resources/3-linear-graphsans.pdf">https://www.mathsgenie.co.uk/resources/3-linear-graphsans.pdf</a>	
9 Jun Sequences and Transformations	<a href="https://www.mathsgenie.co.uk/sequences.php">https://www.mathsgenie.co.uk/sequences.php</a>  <a href="https://www.mathsgenie.co.uk/quadratic-nth-term.php">https://www.mathsgenie.co.uk/quadratic-nth-term.php</a>  <a href="https://www.mathsgenie.co.uk/transformations.php">https://www.mathsgenie.co.uk/transformations.php</a>	<a href="https://www.mathsgenie.co.uk/resources/4-sequences.pdf">https://www.mathsgenie.co.uk/resources/4-sequences.pdf</a>  <a href="https://www.mathsgenie.co.uk/resources/8-quadratic-sequences.pdf">https://www.mathsgenie.co.uk/resources/8-quadratic-sequences.pdf</a>  <a href="https://www.mathsgenie.co.uk/resources/3-transformations.pdf">https://www.mathsgenie.co.uk/resources/3-transformations.pdf</a>	<a href="https://www.mathsgenie.co.uk/resources/4-sequencesans.pdf">https://www.mathsgenie.co.uk/resources/4-sequencesans.pdf</a>  <a href="https://www.mathsgenie.co.uk/resources/8-quadratic-sequencesans.pdf">https://www.mathsgenie.co.uk/resources/8-quadratic-sequencesans.pdf</a>  <a href="https://www.mathsgenie.co.uk/resources/3-transformationsans.pdf">https://www.mathsgenie.co.uk/resources/3-transformationsans.pdf</a>	