



ASPIRE • BELIEVE • ACHIEVE



Curriculum Overview: Mathematics Year 10 HIGHER

SUMMER			
What are we learning?	What knowledge, understanding and skills will we gain?	What does excellence look like?	What additional resources are available?
EQUATIONS AND GRAPHS CIRCLE THEOREMS MORE ALGEBRA	<p>Knowledge</p> <ul style="list-style-type: none">-Know how to Solve simultaneous equations graphically.-Know how to solve problems involving angles, triangles and circles.-Know how to change the subject of a formula involving fractions where all the variables are in the denominators. <p>Understanding</p> <ul style="list-style-type: none">-Understand quadratic functions.- Understand how to use facts about chords and their distance from the centre of a circle.-understand how to solve equations that involve algebraic fractions. <p>Skills</p>	<p>Students begin to show confidence in solving exam style questions</p> <p>Ability to interpret results in the context of the given problem</p>	<p>www.mathsgenie.co.uk</p> <p>www.mathswatch.com</p> <p>www.drfrostmaths.com</p> <p>https://corbettmaths.com/</p>

	<ul style="list-style-type: none">-be able to Solve cubic equations using an iterative process.-be able to solve angle problems using circle theorems.-be able to prove a result using algebra.		
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