



ASPIRE • BELIEVE • ACHIEVE



Curriculum Overview: Mathematics Year 11 FOUNDATION

SPRING-SUMMER			
What are we learning?	What knowledge, understanding and skills will we gain?	What does excellence look like?	What additional resources are available?
<p>Past papers questions</p>	<p>Knowledge -know of all essential mathematical concepts required for the exam</p> <p>Understanding -Understanding of how to tackle an exam style question that test problem solving skills</p> <p>Skills - Comprehend and critique mathematical arguments, proofs and justifications of methods and formulae, including those relating to applications of mathematics - Construct and present mathematical arguments through appropriate use of diagrams; sketching graphs; logical deduction; precise statements involving correct use of symbols and connecting</p>	<p>Understand and use language and symbols associated with set theory, as set out in the glossary</p> <p>Understand, interpret and extract information from diagrams and construct mathematical diagrams to solve problems</p> <p>Recognise the underlying mathematical structure in a situation and simplify and abstract appropriately to enable problems to be solved</p> <p>Interpret the outputs of a mathematical model in the context of the original situation (for a given model or a model constructed or selected by the student)</p>	<p>www.mathsgenie.co.uk</p> <p>www.mathswatch.com</p> <p>www.drfrostmaths.com</p> <p>https://corbettmaths.com/</p>

	language, including: constant, coefficient, expression, equation, function, identity, index, term, variable	Use a mathematical model with suitable inputs to engage with and explore situations (for a given model or a model constructed or selected by the student)	
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