



CURIOSITY

COMPASSION

COURAGE



# Academic Outline

## A Level Further Mathematics

	Term 1 Aug-Oct	Term 2 Nov-Dec	Term 3 Jan-Feb	Term 4 Mar-Apr	Term 5 Apr-May	Term 6 Jun-Jul
Year 12:	<ul style="list-style-type: none"> <li>Core Pure Chapter 1 – Complex Numbers <a href="#">Integral Complex Numbers</a></li> <li>Core Pure Chapter 2 – Argand Diagrams <a href="#">Integral Argand Diagrams</a></li> <li>Core Pure Chapter 3 – Series <a href="#">Integral Series</a></li> <li>Core Pure Chapter 4 – Roots of Polynomials <a href="#">Integral Roots of Polynomials</a></li> </ul>	<ul style="list-style-type: none"> <li>Core Pure Chapter 6 – Matrices <a href="#">Integral Matrices</a></li> <li>Core Pure Chapter 7 – Linear Transformations <a href="#">Integral Linear Transformations</a></li> <li>Core Pure Chapter 8 – Proof by Induction <a href="#">Integral Proof by Induction</a></li> <li>Core Pure Chapter 9 – Vectors <a href="#">Integral Vectors</a></li> </ul>	<ul style="list-style-type: none"> <li>Decision Chapter 1 – Algorithms <a href="#">Integral Algorithms</a></li> <li>Decision Chapter 2 – Graphs and Networks <a href="#">Integral Graphs and Networks</a></li> <li>Statistics Chapter 1 – Discrete Random Variables <a href="#">Integral Discrete Random Variables</a></li> <li>Statistics Chapter 2 – Poisson Distribution <a href="#">Integral Poisson Distribution</a></li> </ul>	<ul style="list-style-type: none"> <li>Decision Chapter 3 – Algorithms on Graphs <a href="#">Integral Algorithms on Graphs</a></li> <li>Decision Chapter 4 – Route Inspection <a href="#">Integral Route Inspection</a></li> <li>Statistics Chapter 3 – Geometric and Negative Binomial Distribution <a href="#">Integral Geometric and Negative Binomial</a></li> </ul>	<ul style="list-style-type: none"> <li>Decision Chapter 5 – Travelling Salesman Problem <a href="#">Integral Travelling Salesman</a></li> <li>Statistics Chapter 4 – Hypothesis Testing <a href="#">Integral Hypothesis Testing</a></li> <li>Statistics Chapter 5 – Central Limit Theorem <a href="#">Integral Central Limit Theorem</a></li> </ul>	<ul style="list-style-type: none"> <li>Core Pure Chapter 5 – Volumes of Revolution <a href="#">Integral Volumes of Revolution</a></li> <li>Decision Chapter 8 – Critical Path Analysis <a href="#">Integral CPA</a></li> <li>Overview of Year 13 Differentiation and Integration <a href="#">Integral Year 13 Integration</a> <a href="#">Integral Year 13 Differentiation</a></li> </ul>