

# Year 12 Transition

## Welcome to The Island VI Form

KS5 Subject:	<b>Maths (Including Further Maths)</b>
<b>Objectives for Transition Tasks:</b>	
<ul style="list-style-type: none"><li>• To start to develop expected 6th form study skills, including independence.</li><li>• To culture an interest and passion for mathematics through enquiry.</li><li>• To learn the core concepts of mathematics to use in your studies.</li></ul>	
<b>Watch:</b>	<b>Independent Task (to be submitted):</b>
Why study Maths? A student's perspective: <a href="#">Experiences of advanced maths - AMSP</a>  Tutorials to support with the transition between GCSE and A-level: <a href="#">Transition to A level Mathematics: Essential Skills - AMSP</a> <a href="#">Bridging The Gap From GCSE To A Level</a>	Complete the "Transition to A-level Maths" booklet. You need to have a good knowledge of the topics in this booklet before you commence your course in September. You should have met all the topics before at GCSE.  The answers are at the back of the booklet. You will need to be organised so keep your work in a folder and mark any queries to ask at the beginning of term.
<b>Read:</b>	<b>Staff Contacts:</b>
How Maths is used in the real world: <a href="#">Applications of Mathematics – Mathigon</a>  The History of Maths: <a href="#">Timeline of Mathematics   Mathigon</a>	<a href="mailto:conal.howells@theislandviform.org.uk">conal.howells@theislandviform.org.uk</a>  <a href="mailto:catherine.jones@theislandviform.org.uk">catherine.jones@theislandviform.org.uk</a>

<b>Aim Higher Task:</b>
Fractions, a connection between Biology and Maths: <a href="#">3/4 and Kleiber's Law - Numberphile</a>  Irrational numbers and Art: <a href="#">Irrational Numbers Can "In-Spiral" You</a>  Imaginary numbers in the real world: <a href="#">BBC Two - The Code. Imaginary numbers at use in the real world</a>
<b>DEADLINE FOR TRANSITION TASK: Please bring to your first lesson in September.</b>