



**Psychology - Mathematics**  
Applicant Study Pack

Description of course	<p>Psychology is the scientific study of the mind and behaviour. The course covers a wide range of topics; running through all topics is a strong emphasis on the scientific process.</p> <p>During year one you will explore the topics of research methods, memory, social influence, approaches, psychopathology, biopsychology, and attachment. In year two you will develop a deeper understanding of research design and data analysis, as well as additional topics of biopsychology, issues and debates, schizophrenia, relationships, and forensic psychology.</p> <p>To be able to do the A Level Psychology course you need to have a sound understanding of core maths. You are required to know and understand the following mathematical skills: recognise and use expressions in decimal and standard form. Use ratios, fractions and percentages. Construct and interpret frequency tables and diagrams, bar charts and histograms. Understand simple probability. Understand mean, median, mode, range and calculate standard deviation. Know the characteristics of normal and skewed distribution. Use a scatter diagram to identify a correlation between two variables.</p>
Task 1	<p><a href="https://www.bbc.co.uk/bitesize/guides/zc8jtv4/revision/1">https://www.bbc.co.uk/bitesize/guides/zc8jtv4/revision/1</a>  <a href="https://www.bbc.co.uk/bitesize/guides/z2hsrwx/revision/1">https://www.bbc.co.uk/bitesize/guides/z2hsrwx/revision/1</a>  <a href="https://www.bbc.co.uk/bitesize/guides/zpf3k2p/revision/1">https://www.bbc.co.uk/bitesize/guides/zpf3k2p/revision/1</a>  <a href="https://www.bbc.co.uk/bitesize/guides/z9sgdxs/revision/1">https://www.bbc.co.uk/bitesize/guides/z9sgdxs/revision/1</a>  <a href="https://www.bbc.co.uk/bitesize/guides/zgxsrwx/revision/1">https://www.bbc.co.uk/bitesize/guides/zgxsrwx/revision/1</a></p> <p>Use the 5 following links to understand the basics of GCSE Maths; ratios, fractions, percentages and decimals. Complete any relevant tasks offered by the website to check your own understanding.</p>

Task 2	<p> <a href="https://www.bbc.co.uk/bitesize/guides/zg42ng8/revision/2">https://www.bbc.co.uk/bitesize/guides/zg42ng8/revision/2</a>  <a href="https://www.bbc.co.uk/bitesize/guides/zpk7pbk/revision/1">https://www.bbc.co.uk/bitesize/guides/zpk7pbk/revision/1</a>  <a href="https://www.bbc.co.uk/bitesize/guides/z3p3k2p/revision/1">https://www.bbc.co.uk/bitesize/guides/z3p3k2p/revision/1</a>  <a href="https://www.bbc.co.uk/bitesize/guides/zmt9q6f/revision/1">https://www.bbc.co.uk/bitesize/guides/zmt9q6f/revision/1</a> </p> <p>Use the following links to support your understanding of graphs and probability. Complete any relevant tasks offered by the website to check your own understanding.</p>
Further reading / links (maximum 5)	<p> <a href="https://www.youtube.com/watch?v=-Xt4UDk7Kzw">https://www.youtube.com/watch?v=-Xt4UDk7Kzw</a>  <a href="https://www.youtube.com/watch?v=A1mQ9kD-i9I">https://www.youtube.com/watch?v=A1mQ9kD-i9I</a>  <a href="https://www.youtube.com/watch?v=hIGrp8X3XyY">https://www.youtube.com/watch?v=hIGrp8X3XyY</a>  <a href="https://www.youtube.com/watch?v=1JQTIDv4luY">https://www.youtube.com/watch?v=1JQTIDv4luY</a> </p> <p>These links will support you understanding for the above tasks</p>
Call to action	<p>Visit our website – <a href="http://www.clarendon.ac.uk">www.clarendon.ac.uk</a> for more information.</p> <p>Attend our New Student’s Day.</p> <p>Join us for enrolment in August. Letters will be sent to all applicants at the end of July with more details.</p>