



# BTEC APPLIED SCIENCE – BRIDGING WORK 2021



Mr Frith

## Applied Science

<p>Subject: <b>Applied Science</b></p>
<p>Topic(s): <b>Science fundamentals Unit 1</b> Biology – cells Chemistry –atoms, ions, energy, bonding, Physics – energy, force, electricity Mathematical skills required at Level 3 Standard.</p>
<p><b>Independent Learning Task(s) to Complete:</b></p> <ul style="list-style-type: none"><li>• Biology summer work (60-mark question set)</li><li>• Chemistry summer work (60- mark question set)</li><li>• Physics Summer work (60-mark question sets)</li><li>• Physics – Using SI Units</li><li>• Cell organelle research</li><li>• Diabetes and its control</li><li>• Magnification worksheet</li></ul>
<p><b>How it links to the Specification:</b> All tasks directly linked to L3 Applied General Science and covers the specification points.</p>
<p><b>Resources (include any hyperlinks):</b></p> <ul style="list-style-type: none"><li>- Biology, Chemistry, Physics Summer work (3 x 60-mark question sets)</li><li>- Standard form and Significant Figures (question sheet)</li><li>- Using SI units (question sheet)</li></ul>
<p><b>Additional Information:</b> Completed work should be brought by students to their first Applied Science lesson. Any questions students may have based on this work should be highlighted and brought to the attention of their teacher in September.</p>
<p><b>Deadline:</b> September 6<sup>th</sup> 2021</p>