

## JUNIOR ASSESSMENT Task – Stage 5

<b>Faculty: iSTEM</b>	<b>YEAR 9</b>	<b>Topic: Fundamentals of iSTEM</b>
<p><b>Task Description:</b> This assessment will be a series of questions, multiple choice and short answer questions to assess your understanding of the fundamentals of the STEM.</p> <p>This will involve an online task that will be conducted in class.</p> <p><b>The following fundamentals will be included in this task.</b></p> <ul style="list-style-type: none"><li>• The design process</li><li>• The engineering model</li><li>• Technologies – different types of technologies used</li><li>• Properties of material</li><li>• Mechanical and scientific properties</li></ul>		
<p><b>Outcomes Assessed:</b> A student; 5.1.1 develops ideas and explores solutions to STEM based problems</p>		
<p><b>Weighting(s): 20%</b></p>		
<b>Date Given: 20<sup>th</sup> March</b>	<b>Date of Completion: 4<sup>nd</sup> April</b>	
<p><b><u>Task Guidelines:</u> (steps/marking scale/grid)</b></p> <p><b>You will be expected to: Complete an online examination and be able to answer question.</b></p> <p><b>The design process and model, The scientific method, Engineering method, Technology (types, hardware and software), materials and their properties, mechanics (fluid) and how things work.</b></p>		
<p><b>Penalties:</b></p> <p>Failure to complete the task with a sustained and diligent effort or because you are absent may lead to:</p> <ul style="list-style-type: none"><li>• A zero mark.</li><li>• the issuing of a warning letter explaining that you have not met the course learning outcomes according to the requirements of the NSW Board of Studies.</li></ul>		
<p><b>Please Note:</b> that plagiarism, the using of the work of others without acknowledgement, will incur serious penalties and may result in zero awards. Any cheating will also incur penalties.</p>		

