

**Varsity College**  
**Year 9 – Industrial Technology**

**Term 3, 2023**

| Week   | Date                                    | Topics  | Assessment         |
|--|---|---|--------------------|
| 1  | 10-14 July<br>Athletics Carnival - Wed  | <ul style="list-style-type: none"> <li><b>Theory-</b> Workshop safety / General class induction, WH&amp;S</li> <li><b>Practical</b> – Skills development job</li> </ul>   |                    |
| 2  | 17-21 July                              | <ul style="list-style-type: none"> <li><b>Theory-</b> Correct use of workshop tools and machinery</li> <li><b>Practical</b> - Practice making housing joints</li> </ul>   |                    |
| 3  | 24-28 July                              | <ul style="list-style-type: none"> <li><b>Theory:</b> Introduction to term 1 assessment</li> <li><b>Practical:</b> Measuring and marking out materials for their toy truck, Cutting and shaping materials</li> </ul>  |                    |
| 4  | 31 July – 4 August                      | <ul style="list-style-type: none"> <li><b>Theory:</b> Research existing products (PMI's) Materials investigation</li> <li><b>Practical:</b> Cutting and shaping materials for joinery</li> </ul>  |                    |
| 5  | 7-11 August                             | <ul style="list-style-type: none"> <li><b>Theory:</b> Concept sketching, Develop and present a final design for the toy truck</li> <li><b>Practical:</b> Cutting and shaping materials to create the required joints</li> <li>Making wheels for the trucks using the drill press</li> </ul> |                    |
| 6  | 14-18 August                            | <ul style="list-style-type: none"> <li><b>Theory:</b> Compare and evaluate different trucks with other students, Students share constructive feedback for improvement</li> <li><b>Practical:</b> Assembling truck components</li> </ul>   |                    |
| 7  | 21-25 August                            | <ul style="list-style-type: none"> <li><b>Theory:</b> Refine portfolio</li> <li><b>Practical:</b> Refining truck components, Constructing/assembling truck components</li> </ul>  | <b>Folio draft</b> |
| 8  | 28 August – 1 Sept.<br>GC Show PH - Fri | <ul style="list-style-type: none"> <li><b>Theory:</b> Students evaluate their toy trucks for success and in what areas they could improve</li> <li><b>Practical:</b> Refining truck components, Constructing/assembling truck components</li> </ul>   |                    |
| 9  | 4-8 September                           | <ul style="list-style-type: none"> <li><b>Theory:</b> Portfolio refining &amp; concept design of truck trailer</li> <li><b>Practical:</b> Sanding &amp; painting trucks, final alterations to truck</li> </ul>  | <b>Folio</b>       |
| 10   | 11-15 September                         | <ul style="list-style-type: none"> <li><b>Practical:</b> Toy truck trailer, Mark out materials, Cut and shape materials. Assemble component</li> </ul>  | <b>Project</b>     |
| <b>School Holidays: Saturday September 16 – Monday October 2</b> |   |   |                    |

**Varsity College**  
**Year 9 – Industrial Technology**

**Term 4, 2023**

| Week  | Date                                    | Topics   | Assessment               |
|---|---|--|--------------------------|
| 1   | 2-6 October<br>King's Birthday PH - Mon | <ul style="list-style-type: none"> <li><b>Theory:</b> Workplace health and safety, user centred design, research of potential user</li> <li><b>Practical:</b> Development sketching and refining concepts</li> </ul> |                          |
| 2   | 9-13 October                            | <ul style="list-style-type: none"> <li><b>Theory:</b> Materials investigation</li> <li><b>Practical:</b> Rapid prototyping, Shading and annotating design sketches</li> </ul>  |                          |
| 3   | 16-20 October                           | <ul style="list-style-type: none"> <li><b>Theory:</b> Market research, Presenting final design</li> <li><b>Practical:</b> Measuring and marking out materials</li> </ul>   |                          |
| 4   | 23-27 October                           | <ul style="list-style-type: none"> <li><b>Theory:</b> Materials costing, Sustainability</li> <li><b>Practical:</b> Measuring and marking out materials, Materials preparation, Shaping materials</li> </ul>          |                          |
| 5   | 30 Oct – 3 Nov                          | <ul style="list-style-type: none"> <li><b>Theory:</b> Documenting the construction process. Correct use of tools and safe work practices</li> <li><b>Practical:</b> Shaping materials, Joining components</li> </ul> |                          |
| 6   | 6-10 November                           | <ul style="list-style-type: none"> <li><b>Theory:</b> Student to student feedback</li> <li><b>Practical:</b> Shaping materials, Joining components</li> </ul>  | <b>Folio draft</b>       |
| 7   | 13-17 November                          | <ul style="list-style-type: none"> <li><b>Theory:</b> Reflection of design and construction process</li> <li><b>Practical:</b> Refining components, Joining components.</li> </ul>                                   |                          |
| 8   | 20-24 November                          | <ul style="list-style-type: none"> <li><b>Theory:</b> Complete and refine design portfolio</li> <li><b>Practical:</b> Surface preparation, finishing techniques</li> </ul>   | <b>Design folio</b>      |
| 9   | 27 Nov – 1 Dec                          | <ul style="list-style-type: none"> <li><b>Practical:</b> Refining components, Joining components, Surface preparation &amp; finishing techniques</li> </ul>  | <b>Practical Project</b> |
| 10  | 4-8 December                            | <b>Final Week Alternate Program</b>  |                          |
| <b>School Holidays: Saturday December 9 – Sunday January 21, 2024</b> |   |  |                          |