

Varsity College
Year 9 Industrial Technology - Semester 1, 2023

Week	Date	Topics	Assessment
1	23-27 January Australia Day PH - Thurs	<ul style="list-style-type: none"> Theory- Workshop safety / General class induction, WH&S Practical – Skills development job 	
2	30 Jan – 3 Feb Swimming Carnival - Mon	<ul style="list-style-type: none"> Theory- Correct use of workshop tools and machinery Practical - Practice making housing joints 	
3	6-10 February	<ul style="list-style-type: none"> Theory: Introduction to term 1 assessment Practical: Measuring and marking out materials for their toy truck, Cutting and shaping materials 	
4	13-17 February	<ul style="list-style-type: none"> Theory: Research existing products (PMI's) Materials investigation Practical: Cutting and shaping materials for joinery 	
5	20-24 February	<ul style="list-style-type: none"> Theory: Concept sketching, Develop and present a final design for the toy truck Practical: Cutting and shaping materials to create the required joints - Making wheels for the trucks using the drill press 	
6	27 Feb – 3 Mar	<ul style="list-style-type: none"> Theory: Compare and evaluate different trucks with other students, Students share constructive feedback for improvement Practical: Assembling truck components 	
7	6-10 March GIPSA - Wednesday	<ul style="list-style-type: none"> Theory: Refine portfolio Practical: Refining truck components, Constructing/assembling truck components 	Folio draft
8	13-17 March NAPLAN 15-17 March	<ul style="list-style-type: none"> Theory: Students evaluate their toy trucks for success and in what areas they could improve Practical: Refining truck components, Constructing/assembling truck components 	
9	20-24 March NAPLAN 20-22 March	<ul style="list-style-type: none"> Theory: Portfolio refining & concept design of truck trailer Practical: Sanding & painting trucks, final alterations to truck 	Folio
10	27-31 March Cross Country - Thurs	<ul style="list-style-type: none"> Practical: Toy truck trailer, Mark out materials, Cut and shape materials. Assemble component 	Project
School Holidays: Saturday April 1 – Sunday April 16			
1	17-21 April	<ul style="list-style-type: none"> Theory: Workplace health and safety, user centred design, research of potential user Practical: Development sketching and refining concepts 	
2	24-28 April ANZAC Day PH - Tues	<ul style="list-style-type: none"> Theory: Materials investigation Practical: Rapid prototyping, Shading and annotating design sketches 	
3	1-5 May Labour Day PH - Monday GIPSA - Wednesday	<ul style="list-style-type: none"> Theory: Market research, Presenting final design Practical: Measuring and marking out materials 	
4	8-12 May	<ul style="list-style-type: none"> Theory: Materials costing, Sustainability Practical: Measuring and marking out materials, Materials preparation, Shaping materials 	
5	15-19 May GIPSA - Wednesday	<ul style="list-style-type: none"> Theory: Documenting the construction process. Correct use of tools and safe work practices Practical: Shaping materials, Joining components 	
6	22-26 May GIPSA - Wednesday	<ul style="list-style-type: none"> Theory: Student to student feedback Practical: Shaping materials, Joining components 	Folio draft
7	29 May – 2 June	<ul style="list-style-type: none"> Theory: Reflection of design and construction process Practical: Refining components, Joining components. 	
8	5-9 June GIPSA - Wednesday	<ul style="list-style-type: none"> Theory: Complete and refine design portfolio Practical: Surface preparation, finishing techniques 	Design folio
9	12-16 June	<ul style="list-style-type: none"> Practical: Refining components, Joining components, Surface preparation & finishing techniques 	Practical Project
10	19-23 June	<ul style="list-style-type: none"> Theory: Reflection and feedback Practical: Phone holder, Marking out, Shaping materials, Construction 	
School Holidays: Saturday June 24 – Sunday July 9			