

Varsity College Year 8 Design and Technology – Semester 1, 2024

Week	Date	Topics	Assessment
1	22-26 January O-Week Australia Day PH Fri	<ul style="list-style-type: none"> O-Week activities General class induction Design process and hydraulics vs pneumatics 	
2	29 Jan-2 Feb	<ul style="list-style-type: none"> Project Management – Gantt Chart Pascal's Principle Hydraulics as a motion and force multiplier Material investigation 	
3	5-9 February Swimming Carnival - Thurs	<ul style="list-style-type: none"> Evaluation of existing designs Developing Ideas – sketching and refining 	
4	12-16 February	<ul style="list-style-type: none"> Producing products – manufacturing prototypes 	
5	19-23 February	<ul style="list-style-type: none"> Producing products – manufacturing prototypes 	
6	26 Feb-1 Mar GC24 - Wednesday	<ul style="list-style-type: none"> Producing products – manufacturing prototypes 	Draft Due
7	4-8 March	<ul style="list-style-type: none"> Producing products – refining prototypes Final product testing and analysis of results 	Hydraulic Arm Folio Due Lesson 3
8	11-15 March NAPLAN	<ul style="list-style-type: none"> Pencil Box OnGuard online training modules Material Preparation Practical demonstrations (tenon saw, Battery drill and disc sander) 	
9	18-22 March NAPLAN GC24 - Thursday	<ul style="list-style-type: none"> Joinery techniques Assemble pencil box frame Organise photos in PowerPoint template 	
10	25-29 March Y7 Team Day - Wed, Thurs Good Friday PH	<ul style="list-style-type: none"> Measure, cut and shape base and lid Sand/belt sand and disc sand Attach base with adhesive and fasteners Update PowerPoint template 	
School holidays: Friday March 29 - Sunday April 14			
1	15-19 April Cross Country - Wed	<ul style="list-style-type: none"> Fit lid and handle Update PowerPoint with photos and industry descriptions 	
2	22-26 April GC24 - Tuesday Anzac Day PH - Thurs	<ul style="list-style-type: none"> Hand sand using appropriate grits Apply suitable wipe-on finish Update photos and PowerPoint 	
3	29 Apr-3 May	<ul style="list-style-type: none"> Generate PMIs Generate annotations for PowerPoint 	Draft Due
4	6-10 May Labour Day PH - Mon	<ul style="list-style-type: none"> Finalise assessment 	Pencil Box Due Lesson 3
5	13-17 May	<ul style="list-style-type: none"> Introduce ArchiCAD Install Software Set story settings and draw external walls 	
6	20-24 May	<ul style="list-style-type: none"> Internal walls Doors and Windows 	
7	27-31 May	<ul style="list-style-type: none"> Roof Ceiling 	
8	3-7 June	<ul style="list-style-type: none"> Furniture Textures Renders 	
9	10-14 June GC24 - Wednesday	<ul style="list-style-type: none"> Floor plan Elevations and Sections 	Draft Due
10	17-21 June Athletics Carnival - Thurs	<ul style="list-style-type: none"> PowerPoint 	ArchiCAD Due Lesson 3
School holidays: Saturday June 22 - Sunday July 7			