

**Varsity College**  
**Year 7 Design and Technology - Semester 1, 2023**

Week	Date	Topics	Assessment
1	23-27 January Australia Day PH - Thurs	<ul style="list-style-type: none"> <li>General class induction</li> <li>Design process and hydraulics vs pneumatics</li> <li>Hydraulics as a motion and force multiplier</li> </ul>	
2	30 Jan – 3 Feb Swimming Carnival - Mon	<ul style="list-style-type: none"> <li>Material investigation</li> <li>Evaluation of existing designs</li> <li>Developing Ideas – sketching and refining</li> </ul>	
3	6-10 February	<ul style="list-style-type: none"> <li>Producing products – manufacturing prototypes</li> </ul>	
4	13-17 February	<ul style="list-style-type: none"> <li>Producing products – manufacturing prototypes</li> </ul>	
5	20-24 February	<ul style="list-style-type: none"> <li>Producing products – manufacturing prototypes</li> </ul>	<b>Draft Due</b>
6	27 Feb – 3 Mar	<ul style="list-style-type: none"> <li>Producing products – refining prototypes</li> <li>Final product testing and analysis of results</li> </ul>	<b>Hydraulic Arm Folio Due</b>
7	6-10 March GIPSA - Wednesday	<ul style="list-style-type: none"> <li>Pencil Box</li> <li>OnGuard online training modules</li> <li>Material Preparation</li> <li>Practical demonstrations (tenon saw, Battery drill and disc sander)</li> </ul>	
8	13-17 March NAPLAN 15-17 March	<ul style="list-style-type: none"> <li>Joinery techniques</li> <li>Assemble pencil box frame</li> <li>Organise photos in PowerPoint template</li> </ul>	
9	20-24 March NAPLAN 20-22 March	<ul style="list-style-type: none"> <li>Measure, cut and shape base and lid</li> <li>Sand/belt sand and disc sand</li> <li>Attach base with adhesive and fasteners</li> <li>Update PowerPoint template</li> </ul>	
10	27-31 March Cross Country - Thurs	<ul style="list-style-type: none"> <li>Fit lid and handle</li> <li>Update PowerPoint with photos and industry descriptions</li> </ul>	
<b>School Holidays: Saturday April 1 – Sunday April 16</b>			
1	17-21 April	<ul style="list-style-type: none"> <li>Hand sand using appropriate grits</li> <li>Apply suitable wipe-on finish</li> <li>Update photos and PowerPoint</li> </ul>	
2	24-28 April ANZAC Day PH - Tues	<ul style="list-style-type: none"> <li>Generate PMIs</li> <li>Generate annotations for PowerPoint</li> </ul>	
3	1-5 May Labour Day PH - Monday GIPSA - Wednesday	<ul style="list-style-type: none"> <li>Finalise assessment</li> </ul>	<b>Pencil Box Due</b>
4	8-12 May	<ul style="list-style-type: none"> <li>Introduce ArchiCAD</li> <li>Install Software</li> <li>Set story settings and draw external walls</li> </ul>	
5	15-19 May GIPSA - Wednesday	<ul style="list-style-type: none"> <li>Internal walls</li> <li>Doors</li> <li>Windows</li> </ul>	
6	22-26 May GIPSA - Wednesday	<ul style="list-style-type: none"> <li>Roof</li> <li>Ceiling</li> <li>Furniture and textures</li> </ul>	
7	29 May – 2 June	<ul style="list-style-type: none"> <li>Furniture</li> <li>Textures</li> <li>Renders</li> </ul>	
8	5-9 June GIPSA - Wednesday	<ul style="list-style-type: none"> <li>Floor plan</li> <li>Elevations</li> <li>Sections</li> </ul>	
9	12-16 June	<ul style="list-style-type: none"> <li>PowerPoint</li> </ul>	<b>ArchiCAD Due</b>
10	19-23 June	<b>Camp Week</b>	
<b>School Holidays: Saturday June 24 – Sunday July 9</b>			