

**Varsity College**  
**Year 7 – Design & Technology**  
**Term 3, 2023**

Week	Date	Topics	Assessment
1	10-14 July Athletics Carnival - Wed	<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	17-21 July	<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	24-28 July	<ul style="list-style-type: none"> <li>Producing products – manufacturing prototypes</li> </ul>	
4	31 July – 4 August	<ul style="list-style-type: none"> <li>Producing products – manufacturing prototypes</li> </ul>	
5	7-11 August	<ul style="list-style-type: none"> <li>Producing products – manufacturing prototypes</li> </ul>	<b>Draft Due</b>
6	14-18 August	<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	21-25 August	<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	28 August – 1 Sept. GC Show PH - Fri	<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	4-8 September	<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	11-15 September	<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 September 16 – Monday October 2</b>			

**Term 4, 2023**

Week	Date	Topics	Assessment
1	2-6 October King's Birthday PH - Mon	<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	9-13 October	<ul style="list-style-type: none"> <li>Generate PMIs</li> <li>Generate annotations for PowerPoint</li> </ul>	
3	16-20 October	<ul style="list-style-type: none"> <li>Finalise assessment</li> </ul>	<b>Pencil Box Due</b>
4	23-27 October	<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	30 Oct – 3 Nov	<ul style="list-style-type: none"> <li>Internal walls</li> <li>Doors</li> <li>Windows</li> </ul>	
6	6-10 November	<ul style="list-style-type: none"> <li>Roof</li> <li>Ceiling</li> <li>Furniture and textures</li> </ul>	
7	13-17 November	<ul style="list-style-type: none"> <li>Furniture</li> <li>Textures</li> <li>Renders</li> </ul>	
8	20-24 November	<ul style="list-style-type: none"> <li>Floor plan</li> <li>Elevations</li> <li>Sections</li> </ul>	
9	27 Nov – 1 Dec	<ul style="list-style-type: none"> <li>PowerPoint</li> </ul>	<b>ArchiCAD Due</b>
10	4-8 December	<b>Final Week Alternative Program</b>	
<b>School Holidays: Saturday December 9 – Sunday January 21, 2024</b>			