



Class Term Planner – 7TMT 2025 (Rotation)

Class: Year 7 Material & Technology Specialisations (7TMT)

Trinity Bay SHS

Hoare Street
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Teacher/s: J. Earl, S.Brown, B. Graham, R. Wales, C. King, C. Wolf.

Week	Lesson	Curriculum Intent	Assessment x 2	Feedback (Continual)	Australian Curriculum
Wk1	1	MARBLE GAME: Introduction to ITD Workshop safety. Marble Game Workbook. Elaborate about Design Brief. Understanding of design constraints. Sketch 4 Marble game ideas.		Teacher lead	(ACTDEK029) (ACTDEP035) (ACTDEP036) (ACTDEP037) (ACTDEP039)
	2				
Wk2	3	MARBLE GAME : Understanding what a successful design looks like. Full scale final design Scale drawing transferred to ply material Marble locations drilled and sanded.		Teacher lead	(ACTDEK029) (ACTDEK029) (ACTDEK031) (ACTDEK034) (ACTDEP035) (ACTDEP036) (ACTDEP039)
	4				
Wk3	5	MARBLE GAME: Frame construction Measure, cut, pre-drill and sand all pieces ready for assembly.		Teacher lead	(ACTDEK029) (ACTDEK031) (ACTDEK034) (ACTDEP039)
	6				
Wk4	7	MARBLE GAME: Frame assembly Nail and glue frame together. Attach to base. Complete artistic design Varnish -Workbook (finishing techniques) 1 st coat Varnish		Teacher lead	(ACTDEK029) (ACTDEK031) (ACTDEP035) (ACTDEP037) (ACTDEP039)
	8				
Wk5	9	MARBLE GAME: Marble Game assembly Drill 4 x holes in acrylic 2 nd coat Varnish		Teacher feedback	(ACTDEP035) (ACTDEP037)
	10				
Wk6	11	PENCIL CASE- RECAP to ITD Workshop safety. Product example and plan reading Workbook- Developing criteria for successful outcomes.		Teacher lead	(ACTDEP035) (ACTDEP037)
	12				
Wk7	13	PENCIL CASE- Base construction Measure and Cut 42mm x 12mm Mark rebate and sand ready for assembly.		Teacher lead	(ACTDEP035) (ACTDEP037)
	14				
Wk8	15	PENCIL CASE- Assembly Assemble frame and nail to 3mm ply base Cut and sand sliding lid to size and drill finger hole (15mm) Sand base and frame neatly, nail punch and putty.		Teacher lead	(ACTDEK029) (ACTDEK029) (ACTDEK034) (ACTDEP035) (ACTDEP037) (ACTDEP038) (ACTDEP039)
	16				
Wk9	17	PENCIL CASE- Add design to lid (Burn or Colour) Varnish complete job 1 st Coat.		Teacher feedback	(ACTDEK029) (ACTDEK029) (ACTDEK034) (ACTDEP035) (ACTDEP038)
	18				
Wk 10	19 & 20.	PENCIL CASE- Completion and Evaluation 2 nd coat varnish Workbook evaluation and completion of unit		Feedback on results for term. Upload to OneSchool	



Class Course Planner – 2025

1 Semester, Rotation

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Class: Year 8 Technologies Materials

Teacher: C. Mackrill, J. Earl, S. Brown

TERM 2 – ACRYLIC BOWL			
Week	Curriculum Intent	Assessment x 1	Feedback ongoing
Wk11 Prac	INTRODUCTION TO WORKSHOP INDUCTION TO SAFEWORK PROCESSES AND TOOL SAFETY. Hand out Design Booklet, Discuss project and folio requirements		
Wk11 CAD	Begin Project designs in workbook		
Wk12 Prac	Mark out and cut material for BOWL Demo use of COPING SAW Allow time to write procedures at end of lesson – log procedures		
Wk12 CAD	Continue Project designs in workbook		
Wk13 Prac	Mark out and cut material for BOWL Demo use of DISC SANDER and HAND Allow time to write procedures at end of lesson – log procedures SMOOTH FILE		
Wk13 CAD	Complete Design Tasks in booklet		Teacher feedback
Wk14 Prac	REVISIT DISC SANDER and FILE Allow time to write procedures at end of lesson – log procedures		
Wk14 CAD	Introduction to Inventor. Draw the jig shown in the folio		
Wk15 Prac	SANDING AND FINISHING/POLISHING Allow time to write procedures at end of lesson – log procedures		Teacher feedback
Wk15 CAD	Continue drawing		
Wk16 Prac	Allow time to write procedures at end of lesson – log procedures		
Wk16 CAD	Completion of Inventor 3D Drawing of PLUG AND RING MOULD		Teacher feedback
Wk17 Prac	Allow time to write procedures at end of lesson – log procedures		
Wk17 CAD	Introduction of RACE CAR 3D model on Inventor		
Wk18 Prac	TWISTIE key ring – use skills gained to independently create a key ring DEMO use of drill press		
Wk18 CAD	Completion of RACE CAR 3D model on Inventor		Teacher feedback
Wk19 Prac	TWISTIE key ring – use skills gained to independently create a key ring		
Wk19 CAD			
Wk20 Prac	TWISTIE key ring – use skills gained to independently create a key ring	Submit for assessment	Feedback on results for term.
Wk20 CAD	Students complete project evaluation. Students complete extra 3D Inventor drawing exercise	Submit folio for assessment	



Class Course Planner – 2025 Term 2

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Class: YEAR 9 DESIGN – DSN 09.02

Teacher/s: C WOLF, D BEECHING

Term Week	Curriculum Intent CLOCK	Assessment x 1	Feedback x 3
T Wk1	Introduction – What is design? <ul style="list-style-type: none"> Handout workbook/ course planner Design sketching Identify components of design process – ‘Triple Diamond’ Identify project to be designed (Wooden Toy: HCD – Human Centred Design) 	Continual observation and feedback throughout project	Teacher guidance
T Wk2	<ul style="list-style-type: none"> Safety in the workshop Theory – design process: analysis of stimulus material Allocation of material 		Teacher guidance
T Wk3	<ul style="list-style-type: none"> Workshop – safe use of machines, Theory – design process – possible design solutions 		Teacher guidance
T Wk4	<ul style="list-style-type: none"> Workshop – Material properties Theory – design process – possible design solutions 		Submit design proposal
T Wk5	<ul style="list-style-type: none"> Workshop – safe use of machines, mark out Theory – design process – possible design solutions 		Teacher guidance
T Wk6	<ul style="list-style-type: none"> Workshop – safe use of machines Theory – design process – possible design solutions Submission of working plans 		Submit working drawings
T Wk7	<ul style="list-style-type: none"> Workshop – safe use of machines, mark out of material Theory – design process – possible design solutions 		
T Wk8	<ul style="list-style-type: none"> Workshop – safe use of machines, construct project Theory – design process – possible design solutions 		
T Wk9	<ul style="list-style-type: none"> Workshop – safe use of machines, construct project Theory – design process – completion of booklet 	Submit Project AND Design booklet	
T Wk10	<ul style="list-style-type: none"> Introduction to Term 3 design project 		OneSchool Report



Class Course Planner – 2025

Term 2

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Class: Year 9 Industrial Technology Skills

Teacher: C. Perry, J. Earl, S. Brown, R. Wales

Week	Curriculum Intent	Assessment x 2	Feedback ongoing
Wk1	Project – Camp Stool Frame A construction <ul style="list-style-type: none"> Mark out and cut legs and rails for frame A 	Continual assessment	Continual feedback
Wk2	<ul style="list-style-type: none"> Cut Bridal joints to both legs of frame A Mark out and cut Bridal joint to top rail frame A 		
Wk3	<ul style="list-style-type: none"> Complete Bridal joints and dry fit. Sand bottom of legs using template and disc sander. Mark out mortice joints on each leg 		Teacher feedback
Wk4	<ul style="list-style-type: none"> Cut out 1 Mortice joint with Mallet and chisel Cut out the other Mortice joint using the Mortice machine Mark out and cut Tenon joint to bottom rail for frame A 		
Wk5	<ul style="list-style-type: none"> Mark out and cut legs and rails for frame B 		Teacher feedback
Wk6	<ul style="list-style-type: none"> Cut Bridal joints to both legs of frame A Mark out and cut Bridal joint to top rail frame A 		
Wk7	<ul style="list-style-type: none"> Cut out 1 Mortice joint with Mallet and chisel Cut out the other Mortice joint using the Mortice machine Mark out and cut Tenon joint to bottom rail for frame B 		Teacher feedback
Wk8	<ul style="list-style-type: none"> Glue and assemble frame A and frame B Cut vinyl and sew edge seam Cut 3mm ply and pre drill ready for assembly Varnish 		
Wk9	<ul style="list-style-type: none"> Final assembly Present for marking 	Submit for assessment	Teacher feedback
Wk10	<ul style="list-style-type: none"> Introduction to TERM 3, project- Metal work 		



Class Course Planner – 2025 Semester 1 Term 2

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Class: Year 10 Design and Manufacture

Teacher/s: C. Wolf, D. Beeching

Term Week	Curriculum Intent	Assessment x 2	Feedback x 3
Wk1	Workshop Induction Continue Assessment task 1- Pinball machine		
Wk2	Continue with Pinball Machine construction Assemble stater components		
Wk3	Complete starter components Begin game feature components		
Wk4	Continue game feature components		1
Wk5	Begin to fit and game test components and amend as required		
Wk6	Final fix of game components and test for accuracy and quality of game play		1
Wk7	Paint and prepare for final presentation Update booklet and annotate amendments		
Wk8	Continue with final presentation of Pinball game		
Wk9	Complete game and complete design booklet		
Wk10	Introduction to term 3 project Secondary motion and mechanical systems (WHIRLY GIG)	Assessment Investigation and Designs Pinball Frame Interim reporting.	Give feedback after assessment



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Class: Year 10 Industrial Technology skills

Teacher/s: J. Earl, B. Graham, S. Brown, C. Wolf.

Term Week	Curriculum Intent	Assessment x 3	Feedback x 3
T1 Wk1	TITLE: TIMBER CARRY ALL <ul style="list-style-type: none"> Introduction to subject, WH&S, assessment, workshop expectations Practice joints – FINGER JOINTS 	Continual	Continual Check marking out
T1 Wk2	<ul style="list-style-type: none"> Cut material for ENDS and SIDES Mark out finger joints and handle position 		Check marking out
T1 Wk3	<ul style="list-style-type: none"> Cut finger joints to both ends Cut mortice joints to end pieces -1 x Mortice machine -1 x mallet and chisel 		Check marking out
T1 Wk4	<ul style="list-style-type: none"> Cut finger joints to side pieces. Dry fit and correct joints if required 		
T1 Wk5	<ul style="list-style-type: none"> Complete dry frame assembly Cut and mark out handle 		Check marking out
T1 Wk6	<ul style="list-style-type: none"> Complete handle and dry fit all components ready to assemble Sand and prepare, then assemble using PVA glue, clamps and blocks. Check for square 		Check marking out
T1 Wk7	<ul style="list-style-type: none"> Sand and putty all joints Attach 3mm ply base using PVA Glue and 22mm Brad nails Sand all corners and base using Linisher. 		
T1 Wk8	<ul style="list-style-type: none"> Complete all work ready to varnish 		
T1 Wk9	<ul style="list-style-type: none"> Varnish -3 x coats, lightly sanded before applying next coat 		Check marking out
T1 Wk10	<ul style="list-style-type: none"> Complete varnishing and submit for assessment Introduction to term 3 project- METAL WORK 	Mark progress	Give feedback after assessment Achievement Ladder



Class Course Planner – 2025

Semester 1 Term 2

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Class: Year 11 Building & Construction

Teacher/s: Brad Graham, Rob Wales.

Term Week	Curriculum Intent	Assessment x 3	Feedback x 3
T2 Wk1	Unit 1 Assessment 2- Site preparation and Foundation Group Project- Paved walkway Individual Response-Multimodal Presentation (Power Point presentation) -workshop requirements -assessment requirements -Workplace, Health and Safety requirements -Roles and responsibilities	Visual Safety Assessment throughout the projects	Course Planner Continual feedback given throughout the projects
T2 Wk2	Site preparation and Foundation- Paved walkway Begin site preparation -Plan reading and site inspection -Mark out walkway location -Erect safety fencing		
T2 Wk3	Site preparation and Foundation- Paved walkway -Begin excavation		
T2 Wk4	Site preparation and Foundation- Paved walkway -Complete excavation		
T2 Wk5	Site preparation and Foundation- Paved walkway -Lay pavers in situ as per plan	DRAFT-Journal up to date	
T2 Wk6	Site preparation and Foundation- Paved walkway -Complete laying pavers -Erect edge formwork		
T2 Wk7	Site preparation and Foundation- Paved walkway -Pour concrete edging		
T2 Wk8	Site preparation and Foundation- Paved walkway -Broom in paver sand and clean pavers -Seal pavers if required		
T2 Wk9	Site preparation and Foundation- Paved walkway -Strip down paved walkway formwork -remove all rubbish -remove/re-locate safety fencing to next job site or store away.	UNIT 1 ASSESSMENT 2 FINAL Product and Response due	
T2 Wk10	Introduction to UNIT 2- Framing and Cladding Unit 2 Assessment 3-Framing and Cladding Individual demonstration-Mosaic tiled board		OneSchool reporting



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Class: Year 11 Engineering

Teacher/s: J. Earl

Term Week	Curriculum Intent Continue UNIT 1 ASSESSMENT 2 Project - Cantilever Toolbox	Assessment	Feedback
Wk1	Revisit Workshop expectations and assessment requirements and specifications	Continual	Continual
Wk2	Complete base fabrication Begin top components		
Wk3	Continue top components Cut cantilever brackets and pre drill for assembly		
Wk4	Complete top components Attach cantilever brackets		Continual feedback given throughout the project
Wk5	Attach top components to base assembly (modify and align if required) Begin lids x 2		Multimodal draft check
Wk6	Fix lids in position and align Cut and bend handles to suit		
Wk7	Cut and fold handle fixings Attach handles to tool box		
Wk8	Complete assembly Modify and align parts to ensure ease of opening and closing.		Continual feedback given throughout the project
Wk9	Complete Project and Multimodal assessment and submit	Completed Cantilever tool box and Multimodal presentation due	
Wk10	Introduction to UNIT 2 ASSESSMENT 3 Prac Demo – Workshop Stool		Continual feedback given throughout the project



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Class: YEAR 11 FURNISHINGS

Teacher/s: Brad Graham, Justin Earl

Term Week	Curriculum Intent	Assessment x 1	Feedback x 4
Wk1	Workshop induction. Course introduction UNIT 1 ASSESSMENT 2 PROJECT-FOLDING STEP STOOL	Continual	Continual
Wk2	MAIN FRAME Square Frame rail x 3 Cut to length and mark out 3 x frame rails 42 x 19 Begin to cut tenon joints to 3 x rails		
Wk3	Short angled frame rails x 2 Cut to length 2 angled top rail (15 degrees using Mitre Saw) Mark tenon joints and cut		Continual feedback given throughout the project
Wk4	Long angled frame rails x 2 Cut to length 2 angled bottom rails (15 degrees using Mitre Saw) Mark tenon joints and cut Mark and drill hole to locate folding step bar		
Wk5	Square Rear legs x 2 (42 x 42) Cut legs to length and mark rail locations Use Mortice machine to create joints. Bullnose 4 x long edges with 6mm round over trimmer to complete legs		Continual feedback given throughout the project
Wk6	Angled front legs x 2 (42 x 42) Cut legs to length and mark rail locations Use Mortice machine to create joints. Bullnose 4 x long edges with 6mm round over trimmer to complete legs		
Wk7	Assemble Frame A and Frame B Glue and clamp frames together. Check for alignment to each other (both frames should be the same)		Continual feedback given throughout the project
Wk8	STEP FRAME SET Square Frame rail x 3 Cut to length and mark out 3 x frame rails 42 x 19 Begin to cut tenon joints to 3 x rails Cut 2 x side panels and top (15mm ply) Round all exposed edges Glue and screw assemble Step Frame		Multimodal draft check
Wk9	Full Assembly Cut dowel/curtain rod to length Attach step to main frame and screw fix rail from underside of rails. Sand a varnish x 3 coats	Completed Folding Step Stool and Multimodal presentation due	
Wk10	INTRODUCTION TO UNIT 2 ASSESSMENT 3 PRAC DEMO- MONITOR STAND		



Course Planner – 2025

Subject: Year 11 Industrial Graphics
Topics: Furnishing industry drafting

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Week	<i>This Unit is Term 1 (3 Lessons per Week)</i>	Assessment	Feedback
Week 1	Introduction to subject/class File set up (Friday Aus. Day P.H)		
Week 2	Introduction to Graphical Representations <ul style="list-style-type: none"> • Sketching • Orthographics • Isometrics 		
Week 3	Orthographic and Isometric skill development Introduction to Inventor <ul style="list-style-type: none"> • Drawing in 2D • Making objects 3D • Adding objects to sheets • Assemblies and Exploded views 		
Week 4	Introduction to Inventor continued		
Week 5	Practical Demonstration issued		
Week 6	Work on Practical demonstration assessment Draft DUE	Draft Due	
Week 7	Work on Practical demonstration assessment		Progress check
Week 8	Work on Practical demonstration assessment		
Week 9	Practical demonstration DUE	Final Due	
Week 10	Skills consolidation		



Class Course Planner – 2025

Semester 3 Term 6

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Class: Year 12 Building & Construction

Teacher/s: R Wales, B.Graham

Term Week	Curriculum Intent	Assessment	Feedback x 3
T6 Wk1	Unit 3 Assessment 5-Fixing and Finishing Project-Individual Introduction to assessment task- Tradies Esky -workshop requirements -assessment requirements -Workplace, Health and Safety	Assess practical skills throughout project.	Continual feedback given throughout the project
T6 Wk2	Unit 3 Assessment 5-Fixing and Finishing -Plan reading -Construction planning -Material collection -Create cutting list		
T6 Wk3	Unit 3 Assessment 5-Fixing and Finishing -Cut 12mm Ply to rip sizes (table saw)		
T6 Wk4	Unit 3 Assessment 5-Fixing and Finishing -Cut panels to length and pre-drill (Radial Arm Saw and drill press)		
T6 Wk5	Unit 3 Assessment 5-Fixing and Finishing -Construct Esky box and cut lid. Screw and glue fix all panels	DRAFT -Journal up to date and submit	
T6 Wk6	Unit 3 Assessment 5-Fixing and Finishing -Hinge lid -water proof sill -seal and waterproof Esky (3x Varnish)		
T6 Wk7	Unit 3 Assessment 5-Fixing and Finishing -External trim (PVC angle) -Esky strap and fixings, bungy loop lock		
T5 Wk8	Unit 3 Assessment 5-Fixing and Finishing -Finish all work -Prepare PowerPoint presentation		
T6 Wk9	Unit 3 Assessment 5-Fixing and Finishing -Complete all work.	ASSESSMENT TASK COMPLETE Product-U3A6 Response-Multimodal Journal	OneSchool reporting
T6 Wk10	Unit 4 Assessment 7-Construction in the Domestic building industry Introduction to assessment task Individual Project-Timber Saw Stool		



Class Course Planner-2025 Semester 2 Term 6

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Class: YEAR 12 FURNISHINGS

Teacher/s: J EARL, B GRAHAM

Term Week	CURRICULUM INTENT	ASSESSMENT	FEEDBACK
1	Unit 3 Assessment 5- Practical Demonstration -PICTURE FRAME <ul style="list-style-type: none"> Distribute task sheet for Picture Frame Assessment requirements 	Continual	Continual
2	PICTURE FRAME <ul style="list-style-type: none"> Cut 31 x 11 @1800. (1 length per students) Mark face, front edge and back faces ready to rebate 		
3	<ul style="list-style-type: none"> Rebate back face to specified depths Rebate front face and edge to specified depths Mark out ready to cut to size (45 degrees on Mitre Drop Saw). 		
4	<ul style="list-style-type: none"> Cut all frame pieces Sand ready to assemble Assemble 3 x frames using PVA glue and staple gun to back face. Clamp in position ensuring frames are square and flat. 		
5	<ul style="list-style-type: none"> Putty and sand Varnish x 3 coats Hinge frames together 	Multimodal Assessment set up for PICTURE FRAME	
6	Insert acrylic face and removeable ply back to complete		
7	Unit 3 Assessment 6 Project – LAZY SUZAN		
8	<ul style="list-style-type: none"> Cut and prepare base sections Biscuit joint all sections 		
9	<ul style="list-style-type: none"> Glue and clamp base sections. Ensure base is flat when clamped 	<ul style="list-style-type: none"> Submit completed PICTURE FRAME for assessment Continue with Mulimodal production- 	Unit 3 Assessment 5 DUE
10	<ul style="list-style-type: none"> Cut base to specified dimensions and shape Route V Groove into top face of base and round over external edges 	OneSchool reporting	EMB upload results



Class Course Planner – 2025 Semester 2 Term 5

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Class: YEAR 12 INDUSTRIAL GRAPHICS

Teacher/s:

Term Week	CURRICULUM INTENT	ASSESSMENT	FEEDBACK
1	GRANNY FLAT- DEMONSTRATION – 3WEEKS <ul style="list-style-type: none"> Students to redraw granny flat Aim: consolidate use of CADD program; auto desk REVIT Distribute task sheet 		
2			
3	Place flat into drawing sheets		
4	GRANNY FLAT- DEMONSTRATION – 6 WEEKS <ul style="list-style-type: none"> Students to redraw granny flat Distribute task sheet 		
5	GRANNY FLAT- DEMONSTRATION – 6 WEEKS <ul style="list-style-type: none"> Continue with task at student ability 		
6	GRANNY FLAT- DEMONSTRATION – 6 WEEKS <ul style="list-style-type: none"> Continue with task at student ability Set up PPT for future submission 	DRAFT PPT DUE	
7			
8			
9		SUBMIT FOLIO FOR ASSESSMENT	
10	DISTRIBUTE TASK SHEET TERM 6		