



Term	Week	STAGE 4 TECHNOLOGY MANDATORY – 2026 SCOPE & SEQUENCE
1	1	Materials and production processes (25 hours) Outcomes TE4-SDP-01, TE4-PDP-01, TE4-MSD-01, TE4-DES-01, TE4-PPM-01, TE4-SAF-01
	2	
	3	History of 3D printing and use of a 3D printer 3D modelling software.
	4	The Design Process and creating a folio
	5	
	6	
	7	Working as a design team, brainstorming sketching and researching solutions. Individual student folio work
	8	3D modelling and prototype production
	9	Group based folio work.
2	1	Materials and production processes (25 hours) Outcomes TE4-SDP-01, TE4-PDP-01, TE4-MSD-01, TE4-DES-01, TE4-PPM-01, TE4-SAF-01
	2	Selecting and developing final solutions as part of a team.
	3	
	4	Developing prototypes to test solutions
	5	More advanced 3D printing
	6	Evaluation and modification to final solutions
	7	
	8	Completed groups 3D printing task. (mobile phone holder) Group folio.
	9	
	10	
3	1	Engineering technologies and systems (25 hours) Outcomes TE4-SDP-01, TE4-PDP-01, TE4-MSD-01, TE4-DES-01, TE4-PPM-01, TE4-SAF-01
	2	Integration of Technology into everyday life.
	3	Use of Simple Machines by Aboriginal and Torres Strait Islanders in the creation of weapons and tools.
	4	
	5	Major Assessment: The design and construction of a Childs toy from Timber that includes at least one Simple Machine
	6	
	7	Time plans and using Mood boards as a research tool. Sketching and Idea Generation
	8	
	9	Final Design selection and Final drawing development Folio Check Submission
	10	
4	1	Engineering technologies and systems (25 hours) Outcomes 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9
	2	Woodwork room orientation including safe use of tools and construction techniques.
	3	Child's Toy Construction begins
	4	
	5	
	6	
	7	Child's Toy Construction completed by this week. Then finalisation of Folio Submission of Completed Toy and Final Folio.
	8	
	9	