

Term	Week	Topic
1	1 – 2	Design and Technology Upper Sec Overview Practical and safety lessons/revisions Project Management
	3 – 4	Needs Analysis Ideation and Conceptualisation Project 1 – Candy Dish (design journal, prototyping)
	5 – 6	Research Ideation and Conceptualisation Project 1 – Candy Dish (design journal, prototyping)
	7 – 8	Research Development Project 1 – Candy Dish – WA1
	9 – 10	Technology: Electronics Development and mock-up Project 2 – Night light (design journal, mock-up, prototyping)

Term	Week	Topic
2	1 – 2	Technology: Electronics Project 2 – Night light (design journal, mock-up, prototyping) Revision: Ideation and Conceptualisation
	3 – 4	Technology: Electronics Project 2 – Night light (design journal, mock-up, prototyping) Revision: Development and mock-up
	5 – 6	Technology: Mechanisms Project 2 – Night light - WA2 Prototyping processes
	7 – 8	Technology: Mechanisms Project 3 – Lathe and screw threading (prototyping) Revision: Project Management
	9 – 10	Technology: Mechanisms Project 3 – Lathe and screw threading (prototyping) – WA3 (Part 1) Revision: Resistant Materials

Term	Week	Topic
3	1 – 2	Revision: Electronics and Mechanisms Research Needs Analysis Design Project (journal, mock-up, prototype, presentation board)
	3 – 4	Technology: Structures Ideation and Conceptualisation Design Project (journal, mock-up, prototype, presentation board)
	5 – 6	Technology: Structures Development and mock-up Design Project (journal, mock-up, prototype, presentation board)
	7 – 8	Technology test (electronics, mechanism, structure) - WA3 (Part 2) Design Project (journal, mock-up, prototype, presentation board) Computer Aided Design and technical drawings
	9 – 10	Design Project (journal, mock-up, prototype, presentation board) – EYE Computer Aided Design and technical drawings

Term	Week	Topic
4	1 – 2	Revision for End-of-Year Examination
	3 – 4	End-of-Year Examination - EYE
	5	Analysis and correction for End-of-Year Examination paper and Design Project
	6 – 7	Academic Booster Programme (TBC)

Note: scheme of work provided does not include non-weighted assignments which would be assigned to students periodically to assess their learning and progress for the subject