

		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 11	Focus:	UNIT R108 – 3D DESIGN REALISATION	Exam UNIT R105 - DESIGN BRIEFS, DESIGN SPECIFICATIONS AND USER REQUIREMENT	Exam UNIT R105 - DESIGN BRIEFS, DESIGN SPECIFICATIONS AND USER REQUIREMENT	Exam UNIT R105 - DESIGN BRIEFS, DESIGN SPECIFICATIONS AND USER REQUIREMENT	Revisit old coursework and improve	Extended project
	Assessment:	OCR marking criteria	Internal exam questions	External exam	Internal exam questions	OCR marking criteria	Internal marking
Year 10	Focus:	Technical drawings UNIT R106 - PRODUCT ANALYSIS AND RESEARCH	UNIT R106 - PRODUCT ANALYSIS AND RESEARCH	UNIT R107 - DEVELOPING AND PRESENTING ENGINEERING DESIGNS	UNIT R107 - DEVELOPING AND PRESENTING ENGINEERING DESIGNS	Bluetooth speaker practical project	UNIT R108 – 3D DESIGN REALISATION preparation
	Assessment:	Internal marking, OCR marking criteria	OCR marking criteria	OCR marking criteria	OCR marking criteria	Informal internal use of OCR criteria	Informal internal use of OCR criteria
Year 9	Focus:	Design and make a laser cut mood light, this project requires more challenging technical skills using hand tools and machinery. This project builds on prior learning improving design presentation skills and preparing pupils to use a wide variety of tools, materials and equipment, this will give them a good practical grounding for GCSE.					
	Assessment:	This project is it assessed internally they receive grades for designing, making as well as an overall grade.					
Year 8	Focus:	Design and make a mobile phone holder this project requires technical skills using hand tools and a variety of different new materials. This project builds on prior learning improving design presentation skills including the introduction of Isometric drawings.					
	Assessment:	This project is it assessed internally they receive grades for designing, making as well as an overall grade.					
Year 7	Focus:	Design and make project for an earphone tidy, this project introduces the design cycle and the role of the designer, it covers some 3D drawing skills, and CAD CAM utilising the laser cutter.					
	Assessment:	This project is it assessed internally they receive grades for designing, making as well as an overall grade.					