



D&T PRODUCT DESIGN YEAR PLANNER (LTP) – YEAR 13



Term	Assessment Schedule*		Home Learning Support (How students can extend learning in addition to homework)
	THEORY	NEA/ASSESSMENT	
Autumn 1	3.1.7 Rapid prototyping processes 3.1.10 Protecting designs and intellectual property 3.1.4.5 Jigs and fixtures 3.2.4 Prototype development 3.2.1 The iterative design process 3.1.11 Ease of manufacture 3.1.11 Disassembly 3.1.5 Polymer finishing -acrylic spray paints -thermoplastic elastomer 3.1.7 Virtual modelling	Concept sketching Specification Ideas/Development	Read around the topics covered in class and add to the notes made. Purchase the recommended text book and use this to extend your knowledge from the classroom. Practise past papers at home and self-assess using the mark schemes available. Watch videos on You tube showing manufacturing processes.
Autumn 2	3.1.12 Feasibility studies 3.1.7 Electronic data interchange 3.1.6.2 Sub-assembly 3.1.7 Production, planning and control (PPC) networking Revision	Development Spec check Modelling Final design PPE 2.5hrs Paper 1 1.5hrs Paper 2	Use Pinterest to look for creative ideas and how others are using a variety of materials to make innovative products.
Spring 1	Revision – see structure produced by ALE	Manufacture	
Spring 2	Revision – see structure produced by ALE	Manufacture Testing Evaluation NEA deadline 1 st May 2020	
Summer 1	Revision – see structure produced by ALE	Paper 1- 5 th June 2020 Paper 2- 12 th June 2020	