

**Whole School Curriculum Intent Statement: We build better people through: Developing the skills, knowledge and values to enable all students to be successful in their next steps.**

**Subject Curriculum Intent Statement: Product design allows learners to gain a greater understanding of the world and how to use and apply a range of skills to problem solve effectively.**

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
7	Introduction to the workshop/ hand skills and the design process			Introduction to the workshop/ hand skills and the design process		
8	Development of workshop skills and understanding of manufacturing techniques, to include the design process.			Development of workshop skills and understanding of manufacturing techniques, to include the design process.		
9	Development and further application of workshop techniques to include a variety of modelling outcomes taken from and including the design process.			Development and further application of workshop techniques to include a variety of modelling outcomes taken from and including the design process.		
10	Section 1: New and emerging technologies.	Section 2: Energy, materials, systems and devices.	Section 3: Materials and their working properties.	Section 4: Common specialist technical principles.	Section 5: Design principles	Section 6: Making principles.
11	Introduction to the NEA and areas which will help develop a manufactured outcome.	Design process/ development and refinement of a design concept.	Modelling and design final refinement, modelling and evaluation.	Manufacturing and final product outcomes.	Review and final revision for end of course assessment.	Review and final revision for end of course assessment/ possible areas and courses to move onto.