

Product Design Curriculum			
	Term 1	Term 2	Term 3
Year 7	Design and Technology Rotation: Engineering Project, <i>woodwork</i>	Design and Technology Rotation: Product Design Project, <i>prototyping</i>	Design and Technology Rotation: Food Technology
Year 8	Design and Technology Rotation: Product Design Project, <i>passive amplifiers</i>	Design and Technology Rotation: Engineering Project, <i>developing the use of CAD</i>	Design and Technology Rotation: Food Technology
Year 9			
Year 10	Upcycling project to develop understanding of materials, smart materials, tools and processes used in industry	Students to engage with theory content (key three principles of EDUQAS Component 1)	Contextual challenges released by the exam board. Students begin their controlled assessment
Year 11	Students will be engaging with controlled assessment	Students are expected to engage with real life contexts, use problem solving to develop their design through the iterative process. Students will research, design, review, plan and develop ideas to produce a final product to a high quality.	Students complete evaluation of their response to the contextual challenge.
			Students sit their exam which accounts for 50% of the overall GCSE grade
This curriculum map shows when topics are first taught. Every topic is revisited throughout the curriculum			