

Year 8 DT	Design	Make	Evaluate	Technical Knowledge Cooking and nutrition
8 Mastered	Can develop alternative ideas for a product produce prototypes and talk about choices made.	Can prepare an ordered sequence for making a product, check the quality of work when making and work confidently and accurately independently	Can evaluate in detail a finished product against the design specification by saying how it works, what materials have been used and why and how well it has been made, and use the information to suggest improvements to the design	Can use the correct materials and processes with confidence and change ways of working if required
8 Secure	Can draw, colour and annotate a range of ideas to say how they will work, what materials will be used and who will use them.	Can produce detailed step by step plans with technical vocabulary, for making, showing equipment, materials and processes to be used. Can follow plans for making and use a variety of materials and components with some accuracy, and pay attention to quality of finish when making	Can write about products and explain how they work and how they are assembled Can evaluate what works well with the products and what could be improved	Can use CAD to enhance my making and surface decoration of materials
8 Developing	Can use knowledge of existing products to guide thinking about designing a product Can produce a range of annotated design ideas and can explore ideas through modelling. Can collate and annotate research, and mood boards, to inform designs.	Can produce clear step by step plans for making a product using a storyboard or list of tasks Can select and use tools and equipment carefully and safely and think about the quality of work to achieve a good finish to the product	Can evaluate products write notes and sketch to say how they work and are assembled. Can evaluate products in greater detail and give positives and negatives	Can use different materials and understand how their properties affect suitability.
8 Emerging	Can identify who a product is for when designing and talk to people about what they need from a product Can produce labelled drawings and model an idea in card to work out some parts of a design Can gather information through research	Can list a number of tasks to follow and talk about the equipment needed to work with and the materials required Can use tools carefully and safely, mark out and measure materials and weigh ingredients, and follow health and safety recommendations	Can produce labelled sketches and make notes about products recognising the positives and negatives	Can use different materials to manufacture and decorate products.