



	Design, developing and prototypes	Manufacturing and Processes	Real world and wider issues	Evaluation and Analysing (relates to all 3 areas)
Mastering	Strong evidence of Innovative, imaginative and creative ideas have been generated and all parts developed. You have critically considered functionality within your design. You have evaluated and taken into account investigation within development. Extensive experimenting has taken place using shape, form and exploring a number of techniques.	Precision is evident in the practical showing independent thinking and ensuring a logical sequence is followed. A clear justification of the processes is recorded. An impeccable understanding of health and safety is demonstrated	You understand the role of a designer and their role in the design process to a high level. You are able to make deductions about how a designer's work impacts on everyday life in detail using various evidence and information giving relevant justified examples. You have a fantastic knowledge of social and moral factors related to design. You are fully aware of all the different aspects related to designing, how these affect design and how these problems and issues can be solved.	You are able to critically analyse and evaluate your work or the work of others. You are able to objectively reflect and examine ways to improve. You have reflected on your design decisions and justified these design decision.
Deepening	Very good quality Innovative, imaginative and creative ideas have been generated and a most areas have been developed. You have considered functionality within your design. You have evaluated parts and taken into account investigation within development. Experimenting has taken place using shape and form.	You explore a range of ways to demonstrate the manufacturing processes. Work is completed to a high level of accuracy. Health and safety if followed throughout and a wider awareness is shown. Use of tools can be justified and some precision is shown.	You have an excellent understanding of the role of a designer and their role in the design process. You are able to analyse how a designer's work impacts on everyday life in detail giving relevant justified examples. You have an excellent knowledge of social and moral factors related to design and make a judgment on how important these are and how they can vary dependent on target audience and product	You are able to analyse and evaluate your work and the work of others. You are able to justify decisions or opinions through annotation. You have made reflections on ways to improve.
Securing	Good quality imaginative and creative ideas have been generated and at least one area has been developed. You have considered basic functionality within your design. You have evaluated parts and took in account some investigation within development. Experimenting has taken place using shape and form.	You show that you can plan the manufacturing processes prior to making. The manufacturing is completed with accuracy through use of the correct tools and sequence. Health and safety is followed throughout and recalled.	You have a very good understanding of the role of a designer and their role in the design process You are able to analyse how a designer's work impacts on everyday life giving relevant justified examples. You have a very good knowledge of social and moral factors related to design. You are able to identify these factors and make a judgment on how important these are to the design process.	You can compare and evaluate your work and the work of others. You are able to explain your decisions or opinions in addition to suggesting ways to improve.
Developing	A range of satisfactory imaginative and creative ideas have been generated. You have considered basic functionality within your design. You have taken into account some investigation within your ideas. Basic experimenting has taken place using shape and form.	Justification to the manufacturing process is shown. Accuracy in the practical work is shown. The Demonstration of tools, health and safety is carryout with a good use of independence. The outcome of manufacture is completed to a good standard.	You have a clear understanding of the role of a designer, their role in the design process and you can suggest others that may also be involved in the design process. You have a developing knowledge of social and moral factors related to design. You are able to classify these and you have a good knowledge of how these integrate into the design process.	You are able to review and analyse your work as well as work of others. You can suggest a variety of ways to improve ideas and concepts.
Emerging	Most ideas are relevant and satisfactory with a strong degree of creativity. Some functionality considered. Minimal experimenting has taken place using either shape or form.	Clear sequences are shown in the manufacturing process. Description and some explanation is shown in the use of tools. Health and safety is shown and various points illustrated. Practical work is completed reasonable accuracy.	You have a good understanding of the role of a designer, the design process and how a designer's work impacts on everyday life applying your own knowledge to inform debates and provide examples to illustrate your point of view. You have a satisfactory understanding of a designer's work. You have a satisfactory knowledge of social and moral factors related to design such as recycling.	You are able to identify a number of positive and negative view points of your work. You can suggest relevant ways to improve.