

Key Stage 3 Steps to Success for Design & Technology

This grid is to help you understand what you can do to progress to the next step.

	Researching	Designing	Planning	Making	Evaluating
	Look at other sources for research for example the internet or magazines.	Annotate your ideas. Comment on how well the design fits the brief.	Try to show all the main steps of the making. Include a full list of the parts needed.	Use a combination of materials to enhance the finish of your product.	Evaluate your work during the making stages. Comment on what is working well.
	Widen your research areas to include questionnaires and product reviews.	Comment on how your idea has been influenced by your research.	Show you understand what materials are needed, and how they will be joined together.	Mark and cut materials with accuracy to produce a higher quality finish.	Write how your product has answered your brief and how it will appeal to your target audience.
	Try to reverse engineer an existing product and comment on what works well.	Show that you have asked for other people's opinions on your ideas.	Create a model to test your idea, and record any problems that may arise.	Evaluate your work at each stage and make any necessary changes to improve the quality.	Explain how your research and target audience has influenced your finish design.
	Summarize your findings and explain how these will influence your design.	Use your research to show you have considered your target audience, cost and time issues in your design ideas.	Produce a time line to show the times needed to produce each part of your design.	Show you have knowledge of materials, tools and processes in constructing your product.	Show how you have modified your ideas during testing, and justify these changes.