

KEY STAGE 3 DESIGN AND TECHNOLOGY RUBRICS

	Theory: Design and technology principles	Practical skills: Design and Make
Mastered	Your book work demonstrates sustained excellence over the key stage. You are perceptive in your explanations of design possibilities directly linking problems with contextual design opportunities. Your research into the work of others is comprehensive and shows a deep understanding of what makes a successful design. You constantly show an excellent understanding of the principles that underpin design and technology and consistently use key terminology in your detailed written work.	You consistently operate the correct tools, materials and equipment (including CAM where appropriate) safely, independently and with a high level of skill. You use excellent quality control to produce accurate prototypes. Prototype constantly show a very high level of making/finishing skills that are fully consistent and appropriate to the desired outcome and have the potential to be commercially viable.
Skilled	Your book work demonstrates excellence. You are perceptive in your explanations of design possibilities directly linking problems with contextual design opportunities. Your research into the work of others is comprehensive and shows a deep understanding of what makes a successful design. You show an excellent understanding of the principles that underpin design and technology and consistently use key terminology in your detailed written work.	You have operated the correct tools, materials and equipment (including CAM where appropriate) safely, independently and with a high level of skill. You have used excellent quality control to produce accurate prototypes. Your prototype shows a very high level of making/finishing skills that are fully consistent and appropriate to the desired outcome and have the potential to be commercially viable.
Confident	Your book work is very good. You are often perceptive in your explanations of design possibilities and can solve problems with contextual design opportunities. Your research into the work of others is comprehensive and shows an understanding of what makes a successful design. You show a good understanding of the principles that underpin design and technology and often use key terminology in your detailed written work.	You have operated the correct tools, materials and equipment (including CAM where appropriate) safely, independently and with a good level of skill. You have used quality control to produce mostly accurate prototypes. Your prototype shows a high level of making/finishing skills that are mostly consistent and appropriate to the desired outcome.
Secure	Your book work is good. You can solve some problems with contextual design opportunities. Your research into the work of others shows some understanding of what makes a successful design. You show an understanding of the principles that underpin design and technology and sometimes use key terminology in your written work.	You have operated the correct tools, materials and equipment (including CAM where appropriate) safely and with a good level of skill. You have used quality control to produce prototypes. Your prototype shows a good level of making/finishing skills that are mostly consistent and appropriate to the desired outcome.
Developing	Your book work is good . You can solve some problems with design opportunities. Your research into the work of others shows a basic understanding of what makes a successful design. You show some understanding of the principles that underpin design and technology and sometimes use key terminology in your written work.	You have operated the correct tools, materials and equipment (including CAM where appropriate) safely. You have used quality control to produce prototypes. Your prototype shows some level of making/finishing skills that are mostly consistent and appropriate to the desired outcome.
Emerging	You can solve some problems with design opportunities. Your research into the work of others shows a basic understanding of what makes a successful design. You sometimes use key terminology in your written work.	You have operated the correct tools, materials and equipment (including CAM where appropriate) safely with support. Your prototype shows a basic level of making/finishing skills.