

KS3 Design & Technology Key Skills & Concepts	Emerging	Developing	Securing	Mastering
Understanding contexts, user and purposes.	Copy a situation and design brief with limited understanding	Improve upon a given and understand some aspects of a situation and design brief.	Analyse a situation and create your own design brief.	Analyse a theme and identify a situation and create a detailed design brief
Producing a design specification	Basic design specification has minimal detail.	Adequate design specification lacking some detail.	Detailed design specification with good justification linking to the needs and wants of the client/user.	Comprehensive design specification with very high level of justification linking to the needs and wants of the client/user.
Designing	Generate ideas and describe to explain likes and dislikes about each design.	Link ideas to research and explain the good and bad about design.	Generate detailed designs using research and share ideas to get feedback.	Develop best idea and explore materials and components you would use to make it.
Materials, tools & equipment	Identify basic equipment, materials, components and techniques.	Identify and describe appropriate equipment, materials and techniques.	Identify, explain and explore appropriate equipment, materials and techniques,	Understand the characteristics of different materials, components and processes.
Making	With help, I can choose and use the correct equipment, tools and materials.	I can choose and use the correct tools, with some assistance.	I can select and use a range of tools and equipment independently.	I can use a range of tools and equipment with precision in most cases.
Evaluation	Make simple comments about products and suggest improvements.	Identify WWW and what could be improved recognising good and bad designs.	Compare products against criteria and suggest improvements	Justify why materials have been used and highly any changes in the final product.