



Attainment Band	Knowledge and Understanding	Skills
Yellow Plus	<ul style="list-style-type: none"> • Produces independent projects to a high standard. • Understands how to design and draw to a professional standard in colour and to annotate designs to a high standard. • Knowledge of tools, materials, and processes is used to predict the time needed to complete the project. • Use the iterative design process to constantly evaluate and improve. • Confidence in the 6 R's, global warming effects and can explain what impact design and technology has on the environment including a carbon footprint 	<ul style="list-style-type: none"> • Can analyse and evaluate research. • Uses research to help design work. Produces 4 good quality designs, annotated, and can develop designs and produce a final design. • Able to create a making plan. • Selects and uses a range of tools and equipment with accuracy to produce high quality products. • Can evaluate research, designs and making.
Yellow	<ul style="list-style-type: none"> • Good knowledge of how to find quality research. • Annotation shows understanding of how products are made. • Knowledge of tools, materials and processes help to make good quality products. • Evaluation shows understanding of how to improve work. • Understands the 6 R's and the effect design and technology has on the environment 	<ul style="list-style-type: none"> • Finds a variety of unusual research images, analyses them, and evaluates research. • Produce 4 good designs from the research and 1 final design in colour and annotated. • Able to work out the sequence of a making plan. • Chooses the correct tools, uses them accurately and creates quality products. • Can evaluate work
Blue	<ul style="list-style-type: none"> • Has sound knowledge of tools and workshop safety. • Understands how designs come from research and investigation. • Understands how to do a simple evaluation. • Knows the 6 R's in sustainability 	<ul style="list-style-type: none"> • Can find useful research images and evaluate research. • Can make 3 design ideas, annotated and in colour, 1 final design. • Can follow a simple plan. • Selects and uses a range of tools and equipment safely, • 3 www and 3 EBI's. • Can create sophisticated designs using 2ddesign
Green	<ul style="list-style-type: none"> • Understands the information and explains ideas and concepts with limited support. • Explains ideas and suggest ways to make them better. • Can design to an average standard 	<ul style="list-style-type: none"> • Can research independently and print out images to help designs. • Can create 2 design ideas and improve one final design. • Selects and uses tools, machines, and processes safely, taking into consideration the health and safety aspects with little supervision. • Can use decorative techniques to complete product
White	<ul style="list-style-type: none"> • Remembers information with help. • Identifies likes and dislikes of products. 	<ul style="list-style-type: none"> • Research information with help. • Draws or demonstrates a simple idea with help. • Can be helped to use simple tools and equipment safely. • Can use basic tools to complete part of product