



Attainment Band :	CadCam, CAD	
	Knowledge and Understanding	Skills
Yellow Plus	Produces independent projects to a high standard. Understands how to design 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. Evaluation shows ability for self criticism	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	Good knowledge of how to research to find quality images. 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.	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 Understands and can set up cadcam in 2design
Blue	Has sound knowledge of tools and workshop safety Understands how designs come from research and imagination. Understands how to do a simple evaluation.	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	Understands the information and explains ideas and concepts with limited support. Explains ideas and suggest ways to make them better.	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 a variety of tools in 2ddesign well
White	Remembers information with help. Identifies likes and dislikes of products.	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 and colour in 2d design with help

Pupil Response: