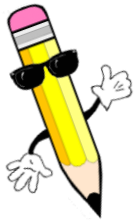
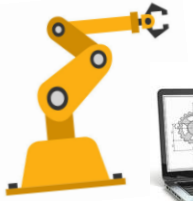
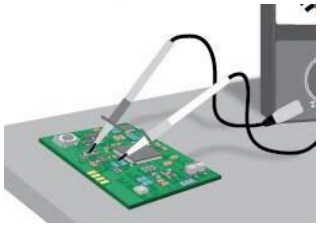
Design & Technology – Assessment Grid Y9







NC PoS	Emerging Will be able to:	Developing Will be able to:	Secure Will be able to:	Excelling Will be able to:
Design	**Ideas** – Generate a range of alternate ideas demonstrating creativity **Visual Communication** – create a moderate level drawing with accuracy **Annotation** – give specific details of the equipment or processes a product could be constructed with	**Ideas** – Generate a wide range of ideas clearly demonstrating creativity **Visual Communication** – create a mostly demanding drawing with accuracy **Annotation** – correctly sequence the main order of construction, with justification	**Ideas** – Generate a wide range of ideas demonstrating creative flair **Visual Communication** – create a clearly demanding drawing with accuracy **Annotation** – justify where and how an idea meets its main specification points	**Ideas** – Generate a wide range of ideas demonstrating exceptional creative flair **Visual Communication** – create a technically demanding drawing with accuracy **Annotation** – show critical awareness of how well an idea meets the user's needs
Make	**Practical Skills** – safely perform a moderate level skill with accuracy	**Practical Skills** – safely perform a mostly demanding skill with accuracy	**Practical Skills** – safely perform a clearly demanding skill with accuracy	**Practical Skills** – safely perform a technically demanding skill with accuracy
Evaluate	**Evaluate** – discuss how to make improvements to my own and other's work	**Evaluate** - test against given specification points clearly demonstrating awareness of constraints	**Evaluate** – compare and contrast my product against existing products	**Evaluate** – justify changes to a product with clear regard to product performance and user requirements
Technical Knowledge	**Technical Components** – apply knowledge of basic technical components when designing/making **Material Properties** – use the correct materials or ingredients to achieve functioning solutions	**Technical Components** - apply knowledge of more advanced technical components when designing/making **Material Properties** - describe how a specific material or ingredient benefits a product in terms of its properties	**Technical Components** – justify the choice of technical components in an input/process/output system **Material Properties** – explain how the property of a material or ingredient contributes to structural integrity	**Technical Components** – justify the choice of technical components in complex systems **Material Properties** – fully justify the choice of materials or ingredients based on their properties - in a mixed material product
Cooking & Nutrition *Also see Practical Skills and Material Properties above*	**Nutrition** – link food groups to personal health **Ingredients** – describe the factors that mean ingredients come from different sources or seasons	**Nutrition** – adapt recipes/dishes to make them healthier **Ingredients** – explain some of the advantages of using ingredients that are locally sourced or in season	**Nutrition** – analyse recipes/dishes, and justify some changes in terms of nutrition **Ingredients** – discuss sustainable food production with regard to source, seasonality and environmental impact	**Nutrition** – analyse recipes/dishes, and adapt, fully justifying changes based on nutrition, health and sensory experience **Ingredients** – analyse the conflicting advantages and disadvantages of using food ingredients with regard to sourcing/season