

Curriculum Implementation Mapping – Skills and Knowledge

Subject: Design & Technology/Food & Nutrition

Year group: 8

Rotation	D&T - Clock	D&T - Board Game	D&T - Drawstring bag	D&T - Storage	F&N - Developing skills
Knowledge	Understanding the iterative design process. Research Design Make Evaluate Materials theory- Polymers	Understanding the iterative design process. Research Design Make Evaluate Materials theory- Paper and Card	Understanding the iterative design process. Research Design Make Evaluate Materials theory- Textiles	Understanding the iterative design process. Research Design Make Evaluate Materials theory- Timbers Metal.	Understanding the iterative design process. Research Design Make Evaluate Food and Nutrition (Nutrients) knowledge.
Skills	Designing with hand drawn sketches. Using paper/card to make models. Using wood, plastic and/or metal as a material with the appropriate tools and equipment.	Using CAD to design and CAM to make models. Using paper/card and plastic as a material with the appropriate tools and equipment.	Using textiles to make models. Using textiles as a material with the appropriate tools and equipment.	Designing with hand drawn sketches. Using CAD to design and model. Using wood, metal and/or plastic as a material with the appropriate tools and equipment	- Pizza- scone based method, baking. - Spaghetti Bolognese/ Chilli con Carne- working with raw mince, preparing veg, reduction sauce, using hobs. - Macaroni Cheese- Roux sauce, using hob. - Tuna Fish Balls- reduction tomato sauce, combining & shaping balls, oven. - Chicken Nuggets- breadcrumbs (enrobing and coating chicken), baking. - Own Design Italian meal.
Assessment Pattern	Throughout using personalized progress tracking sheet and then updated on G4S at end of rotation End of year test on materials theory	Throughout using personalized progress tracking sheet and then updated on G4S at end of rotation End of year test on materials theory	Throughout using personalized progress tracking sheet and then updated on G4S at end of rotation End of year test on materials theory	Throughout using personalized progress tracking sheet and then updated on G4S at end of rotation End of year test on materials theory	Throughout using personalized progress tracking sheet and then updated on G4S at end of rotation