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| **Curriculum Plan for Parents – Year 8** |

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| **Subject** | Design Technology | **Contact Person** | D. Hinson / S. Gilbert |

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| **Half term and topic** | **Your child will learn....** | **Key Homework** | **Assessment** |
| Autumn 1 | **Taught in a carousal half a year in Food and in Product Design** **Product Design:****Design**Research Art Deco.Types of metals and their uses.Analysis of pewter pendants.Specification.Initial IdeasUse of 2D Design software. | Art Deco worksheetCollecting Images.Sketching Ideas. | Investigate the design Task |
| Autumn 2 | Development of a solution.Packaging designPlanning for ManufactureRevision for Product design examFeedback from exam**Making**Use of computerised Milling machine.Casting Pewter.Finishing materials:Needle Files/ emery cloth/   | Revision for Product design examSafe use of equipment | Developing of Design Proposals Test / Exam on Product Design |
| Spring 1 | Wire wool / Buffing machineEvaluation. | Safe use of equipment.Tools & Equipment tasks. | Assessment of Making.Assessment of evaluation.Assessment Design and make project. |
| Spring 2 | **Food:**Food SafetyTemperatures to rememberThe 4 C’s for Food SafetyHygiene and SafetyPractical Session: MuffinsMuffins EvaluationMethods of Cooking and Heat TransferMethods of Cooking | Safety rules.Safe use of equipment | Chef of the week |
| Summer 1 | Revision for Food examFeedback from examPractical Session: Sausage RollsHow to Eat A Healthy DietNutrients in our FoodPractical Session: SconesScones EvaluationMilkPractical Session: CheesecakeStoring and Cooking MeatWorking safely with meatPractical Session: Chicken Curry | Revision for Food examSafe use of equipmentSafe use of equipment | Test / Exam on FoodChef of the weekChef of the weekChef of the week |
| Summer 2 | **Cupcake: Design and Make Task**AnalysisResearch of toppings.Product AnalysisSpecification.Initial IdeasReasons for choiceTime planMakingEvaluation | Collect researchIdeas | Investigate the design TaskDeveloping of Design Proposals Assessment of Making.Assessment of evaluation.Assessment Design and make project. |