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| **Curriculum Plan for Parents – Year 9** |

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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 (9 lessons) Food and in Product Design**  **Product Design:**  **Design**  Analyse a number of USB lights  Types of plastics and their uses.  Initial Ideas  Packaging – using photo shop  Use of 2D Design software. | Collecting Images.  Sketching Ideas. | Investigate the design Task  Developing of Design Proposals |
| Autumn 2 | **Making**  Soldering electronic components  Cutting out:  Fretsaws/ coping saws.  Shaping materials:  Files / Belt sander  Joining materials:  Tensol cement / glue gun  Finishing materials:  Emery cloth/ wet ‘n’ dry paper  Buffing machine    Evaluation. | Safe use of equipment  Tools & Equipment tasks. | Assessment of Making.  Assessment of evaluation.  Assessment Design and make project. |
| Spring 1 | **Food:**  Assessing Risks  Function of Ingredients  Practical Session: Italian Pasta bake  Italian Pasta bake Evaluation  Nutrition  Practical Session :Chocolate Chip Cookies  Practical Session :Victoria Sandwich  Practical Session :Sweet and Sour Chicken | Reducing food contamination.  Safe use of equipment | Chef of the week  Chef of the week  Chef of the week |
| Spring 2 | Research  Reasons for choice  Specification.  Initial Ideas  Time plan  Making  Evaluation | Collecting images  Sketching Ideas. | Investigation Assessment  Designing Assessment  Assessment of Making.  Assessment of evaluation.  Assessment Design and make project. |
| Summer 1 |  |  |  |
| Summer 2 |  |  |  |