**Curriculum Overview**

|  | **Autumn** | **Spring** | **Summer** |
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| **Year 7** | * **Health & Safety** * **Introduction to Designing & Modelling (Isometric Drawing)** * **Money box (Making with wood)** * **Concrete Tea-light (Composites materials)** | * **Steady-hand Game (Electronics)** | * **Whirli-gigs (Mechanisms)** |
| **Year 8** | * **Re-cap Health & Safety** * **Recap Designing & Modelling (Isometric Drawing)** * **Mechanical Grabber (Mechanisms)** | * **Pencil Box (Wood & Joining Methods)** | * **Choc Bar (CAD-CAM , Graphics)** |
| **Year 9** | * **Re-cap Health & Safety** * **Recap Designing & Modelling (Isometric Drawing)** * **Pinball Game (Mechanisms)** | * **Box with no name (Wood & Joining Methods)** | * **USB LED Lamp (Anglepoise Lamp) (CAD-CAM , Electronics)** |
| **Year 10** | * **Core Technical - Theory** * **Re-cap Health & Safety** * **Introduction to NEA (Non-exam assessment)** * **Torch (Designing & Modelling)** * **Clock (CAD-CAM & Graphics)** | * **Core Technical - Theory** * **NEA Electronic Fan or LED Lamp (Both in the style of Dyson)** | * **Specialist Technical - Theory** * **NEA Continued - Electronic Fan or LED Lamp (Both in the style of Dyson)** * **May Half Term - Start Y11 NEA (There will be a choice of Contexts set by the exam board)** |
| **Year 11** | * **Specialist Technical - Theory** * **Continue with NEA** * **Research** * **Designing** * **Modelling** | * **Designing & Making Technical - Theory** * **Continue with NEA** * **Developments** * **Modelling** * **Making** | * **Continue with NEA** * **Making** * **Testing & Evaluations** * **Exam Revision** |