**Curriculum Overview for Design Technology**

**Year 9**

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| **Term 1: Pewter Jewellery**  **Substantive Knowledge:**  Computer aided design  Computer aided manufacturing  The working properties of alloys  The process of casting and the risks associated with it.  **Disciplinary Knowledge:**  Use Computer aided design programme to design casting mould  Transfer designs to Laser cutter.  Apply knowledge for safe use of casting.  Use a variety of metal skills to produce a quality jewellery brooch/necklace. | Books | Decoding of keywords.  Opportunities for extended knowledge theory |
| Speech | Casting Vee gates  Datum points and lines Pewter  Buffing Transfer  Computer aided Design  Computer aided manufacture  Batch production |
| Checklist RTL | Recall tests  Review sheet  End of unit test |
| Home | Retrieval and review Homework sheet.  Preparation for retrieval test |