**Curriculum Overview for Design Technology**

**Year 9**

|  |  |  |
| --- | --- | --- |
| **Term 1: Pewter Jewellery****Substantive Knowledge:**Computer aided designComputer aided manufacturingThe working properties of alloys The process of casting and the risks associated with it.**Disciplinary Knowledge:**Use Computer aided design programme to design casting mouldTransfer 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 gatesDatum points and lines PewterBuffing TransferComputer aided DesignComputer aided manufactureBatch production |
| Checklist RTL | Recall tests Review sheetEnd of unit test |
| Home | Retrieval and review Homework sheet.Preparation for retrieval test |