**Curriculum Overview for Design Technology**

**Year 8**

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| **Term 1: Metal hook****Substantive Knowledge:**Understand a risk assessment with using Heat and hot metal.Ferrous and non-ferrous metalsJigs and templatesMethods of marking out metalIsometric drawing**Disciplinary Knowledge:**Learning to work to a high tolerance to ensure successful project. Working safely with a heat source. Understanding the effect of heat on metal and the advantages of working like this. Understanding the individual tools for specific applications. | Books | Decoding of keywords.Opportunities for extended knowledge theory |
| Speech | Hacksaw Mild steel Ferrous MetalsNon ferrous Metals ScriberTolerance Engineer squareForging Drawing out RivetsBall peen hammer2 Point perspective Emery cloth |
| Checklist RTL | Recall tests Review sheetEnd of unit test |
| Home | Retrieval and review Homework sheet.Preparation for retrieval test |