**Curriculum Overview for Design Technology**

**Year 7**

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| **Term 1: Wood Vehicle**  **Substantive Knowledge:**  Names of tools for cutting wood  Types of joints  Coniferous and deciduous trees and their properties  Isometric drawing  What a risk assessment is How to use the drill safely  Properties of hard wood and soft wood  Types of adhesives  **Disciplinary Knowledge:**  Work precisely and carefully to produce a good, working joint.  Use the marking out tools correctly and use all the tools safely.  Cut shapes to their own design.  Begin to identify target users and specification points | Books | Decoding of keywords.  Opportunities for extended knowledge theory |
| Speech | Tenon Saw, Marking Gauge  Tri Square, Pillar Drill, Softwood  Hardwood, Manufacturing  Housing Joint, Grain, Orthographic  Isometric,30/60 degree set square |
| Checklist RTL | Recall tests  Review sheet  End of unit test |
| Home | Retrieval and review Homework sheet.  Preparation for retrieval test |