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| **YR10 PRODUCT DESIGN-SPRING ASSESSMENT**  **PLC [PERSONAL LEARNING CHECKLIST]** | | | | |
| **Topic** |  |  |  | **How I can help myself improve my understanding. E.g. Make flash cards, make clock revision, practise drawing diagrams of processes, use ‘BBCBitesize’, read relevant chapters of blue revision guide** |
| Material Physical and Working Properties |  |  |  |  |
| Forces and stresses |  |  |  |  |
| Primary Processing of Materials |  |  |  |  |
| Environmental and Sustainability issues and the 6R’s |  |  |  |  |
| Industrial/Commercial Processes-Wasting, Addition, De-forming and Re-forming |  |  |  |  |
| Properties of Timbers |  |  |  |  |
| Industrial/Commercial Processes-Timbers |  |  |  |  |
| Properties of Polymers [Plastics] |  |  |  |  |
| Industrial/Commercial Processes-Polymers |  |  |  |  |
| Properties of Bio-Plastics |  |  |  |  |
| Properties of Metals |  |  |  |  |
| Industrial/Commercial Processes-Metals |  |  |  |  |
| Scales of Production |  |  |  |  |
| Ergonomics and Anthropometrics |  |  |  |  |