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**Year 10 Personal Learning Checklist (PLC)**

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| **Subject** Design Technology |
| **Topic** Revision for the Written Exam |

**S = I have Summarised**  **O = I have Organised (RAG or** ☺😐☹**) R = I have Recalled**  **T = I have Tested Myself** 

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| **I can explain….** | **S** | **O** | **R** | **T** |
| 1. Inputs and Outputs |  |  |  |  |
| 2. Forces |  |  |  |  |
| 3. Ferrous and Non Ferrous metals |  |  |  |  |
| 4. Just in Time Manufacturing |  |  |  |  |
| 5. Smart Materials |  |  |  |  |
| 6. Thermo and Thermo setting plastics | | | | |
| 7. Levers |  |  |  |  |
| 8. Hardwoods and Softwoods |  |  |  |  |
| 9. Natural and Manmade fibres for clothing |  |  |  |  |
|  |  |  |  |  |
| **Understand how materials/products are made** |  |  |  |  |
| 10. Properties and manufacture of card/corrugated board Properties of MDF **How are they made?** |  |  |  |  |
| 11. Renewable energy Pros and cons |  |  |  |  |
| 12. How materials are strengthened/ reinforced |  |  |  |  |
|  | | | | |
| 13. Injection moulding, veneering processes, |  |  |  |  |
| 14. Impact of Fair Trade |  |  |  |  |
| 15. Aesthetics, Ergonomics, Anthropometrics **meaning of and how designers use the information.** |  |  |  |  |
| 16. Percentages |  |  |  |  |
| 17. Orthographic Drawings, Isometric Drawings |  |  |  |  |
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