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| **YEAR 10 2023-2024 TERM 1**  **‘An ambitious curriculum that meets the needs of all’**  **Medium Term Planning - Topic:** Lamp Project | |
| **Curriculum Intent** | **In addition to working further on objectives from Year 9 , pupils will be taught, following National Curriculum guidelines, the following this term:**  To gain knowledge of how the material works, techniques and processing 2 different types of timber materials |
| **Skills/Assessment Objective Links** |
| **Spiritual, moral, social, and cultural development** | **SMSC:** Sustainability linking to materials and reduction in CO2 emissions  **PSHE/British Values:**  **Skills Builder:**  Linking product with the type of material and the reasons why the material is used. |
| **Numeracy** |  |
| **Literacy** | **Vocabulary Tier 2:** material, colour, grain, finish, waste, shape  **Vocabulary Tier 3:** properties, characteristics, pine, tenon saw, coping saw, bench hook, acrylic, LED, wing nut  **Reading:** exam style question  **Writing:** use of technical tier 3 vocabulary within an exam question and annotation  **Oracy:** when questioned pupils are able to use technical subject specific language |
| **Becoming future ready** | **Careers/Employability:**  product designer / making skills |
| **Adaptation** | Throughout this topic, quality first teaching will provide differentiation:  **By product:** Use of examples  **By resource:**  Use of exemplar materials  **By Intervention**: teacher led focused activities  **By Progressive Questioning:** exploring pupils’ understanding through interactive dialogue.  **By Grouping:** according to prior attainment, gender, social preference, preferred learning style.  **By Task:**Pupils should be involved in the identification of targets which are meaningful to them and in the selection of an appropriate task from the given range.  **By Offering Optional Activities:** In class or as homework, to extend learning.  This QFT/SEND provision will be explicit within the lesson-by-lesson schemes of work. |
| **QFT/SEND Provision** |
| **Implementation**  **Curriculum Delivery** | To be able to:   * Design and make a lamp using timber, acrylic and bought in components * Use the correct tools, equipment and health and safety rules * Carry out specific wasting and shaping processes   Red denotes interleaving; aspects of knowledge covered previously. |
| **Learning Outcomes (Knowledge)** |
| **Current learning to be developed in the future within:** | To be able to apply and develop NEA making skills so that students are able to make their own products without any assistance (as per NEA) |
| **Assessment** | Assess final outcome and students to self-assess quality of work throughout the project |
| **Impact** | Pupils to have knowledge of materials so that the are able to know how the material works and select the appropriate material for the NEA |