



YEAR 10 TERM 1

'An ambitious curriculum that meets the needs of all' Medium Term Planning - Topic: Lamp Project



Curriculum Intent	
Skills/Assessment Objective Links	<p>In addition to working further on objectives from Year 9 , pupils will be taught, following National Curriculum guidelines, the following this term:</p> <p>To gain knowledge of how the material works, techniques and processing 2 different types of timber materials</p>
Spiritual, moral, social, and cultural development	<p>SMSC: Sustainability linking to materials and reduction in CO2 emissions</p> <p>PSHE/British Values:</p> <p>Skills Builder: Linking product with the type of material and the reasons why the material is used.</p>
Numeracy	
Literacy	<p>Vocabulary Tier 2: material, colour, grain, finish, waste, shape</p> <p>Vocabulary Tier 3: properties, characteristics, pine, tenon saw, coping saw, bench hook, acrylic, LED, wing nut</p> <p>Reading: exam style question</p> <p>Writing: use of technical tier 3 vocabulary within an exam question and annotation</p> <p>Oracy: when questioned pupils are able to use technical subject specific language</p>
Becoming future ready	<p>Careers/Employability: product designer / making skills</p>
Adaptation	<p>Throughout this topic, quality first teaching will provide differentiation:</p> <p>By product: Use of examples</p> <p>By resource: use of exemplar materials</p> <p>By Intervention: teacher led focused activities</p> <p>By Progressive Questioning: exploring pupils' understanding through interactive dialogue.</p> <p>By Grouping: according to prior attainment, gender, social preference, preferred learning style.</p> <p>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.</p> <p>By Offering Optional Activities: In class or as homework, to extend learning.</p> <p>This QFT/SEND provision will be explicit within the lesson-by-lesson schemes of work.</p>
Implementation Curriculum Delivery	
Learning Outcomes (Knowledge)	<p>To be able to:</p> <ul style="list-style-type: none">• 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 <p>Red denotes interleaving; aspects of knowledge covered previously.</p>
Current learning to be developed in the future within:	<p>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)</p>
Assessment	<p>Assess final outcome and students to self-assess quality of work throughout the project</p>
Impact	<p>Pupils to have knowledge of materials so that they are able to know how the material works and select the appropriate material for the NEA</p>