

**D&T Department**

**Year: 9**

**Topic: Decorative light**

**Learning Journey**

**Prior learning:**

**Students will have previously used a range of workshop tools and equipment related to this task. They will have used 2d design CAD.**

<b>Learning sequence</b>							<b>Endpoint</b>
<b>Main learning steps</b>	To develop a <b>specification</b> in response to a client interview.  <b>Homework client interview and mood board</b>	To develop knowledge of some wood joints whilst also developing <b>3d drawing skills.</b>	To develop knowledge of <b>materials</b> different types of timber – Hardwoods / softwoods and manufactured boards.	To develop workshop skills in using a variety of <b>specialist tools</b> to <b>precisely</b> make a wooden box.	Use hand drawing skills and then CAD to develop <b>(iterate)</b> a design for the front ‘screen’ of the lightbox. Use a vinyl cutter to create the ‘mask’  <b>Homework Client feedback</b>	Understand and develop how <b>electronic systems</b> can be powered and used in their product.	Evaluate the product – Work with the end user <b>(client)</b> to determine the success of the product and identify future development.  <b>Homework Evaluate product, feedback from client and identify areas for improvement.</b>

<b>Assessment</b>	Feedback in booklet – peer and teacher.	Verbal feedback	Research task teacher marked.	Verbal feedback in lessons	Teacher and peer feedback.		Feedback from client and teacher.
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***Resources needed at home – internet access, basic drawing equipment including colouring pencils.***

***Parental support – visit the Design Museum***

***Where will we use these ideas again: Students opting for a GCSE in an ADT subject will need to use these skills.***