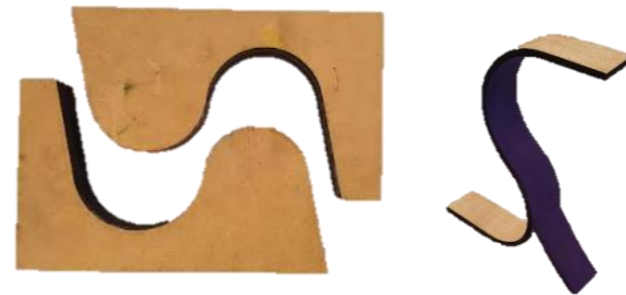


Unit 6: Timbers Project: Laminated Lamp

What are we learning about?

You will learn about the design process, developing understanding of manufacturing techniques and putting them into practise through a combination of technical and practical activities. Your theory work will focus on Specialist Technical Knowledge around Timbers.



Plywood Lamination



Surface Finishes



Electronics & Soldering



Why are we learning about it?

It is important, as designers, that we understand how materials can be used to create innovative and interesting products. Through this project you will develop fundamental skills and knowledge in preparation for Year 11 GCSE Exam.

What new KNOWLEDGE will I gain?

- In-depth knowledge of timbers.
- Understanding the design process.
- Understanding of materials and how lamination is used within industry.

How does this build on the KNOWLEDGE I already have?

This will build on knowledge that you have gained at KS3, understanding how the design process works and Timbers knowledge from Year 7 and 9.

What new SKILLS will I develop?

- Sketching
- Modelling
- Wood Lamination
- Electronics and Soldering
- Using moulds

How does this build on the SKILLS I already have?

- Use of hand tools and machinery
- Sketching and Drawing
- Design process through reflective practise.