



Year 8 Product Design Cultural Celebration Box

Project Overview



Assessment Focus:

What areas will you be assessed on in this project?

Investigate/Planning

Design/Ideas

Making

Analysis & Evaluate

Knowledge & Communication

Investigate / Planning

In this project you will extend your learning about finishing techniques for wood. You will test a range of different finishes and be assessed on the report you write about the different finishes.

Making

In the workshop, you will develop safe, proper, and accurate use of various tools and equipment. This includes a wide range of hand tools as well as machinery like pillar drills, disc sanders, and fret saws. You will also be introduced to the process of casting in metal.

Knowledge & Communication

You will be assessed at the end of your project on your subject knowledge and understanding.

Cross-Curricular Links

Maths:
Marking out and measuring materials.

Science & Geography:
Sustainability, the origin of plastics and metals and 6Rs.



Key Words

Solid timber
Manufactured Board
Thermoplastic
Casting
Mould
Hazard
Personal protective equipment
Comb joint
Pilot hole

Student Reflection & Targets

Reflect on your last project and set yourself a target to work on in this DT project. **RED PEN**

1: What did you enjoy most about your previous project?

2: What would you do differently?

3: Set a target for yourself (what would you like to improve? this could be a skill)

