



What should I already know?

- Be able to generate a design from existing products.
- Be able to select appropriate materials to create design.
- To use a wide range of materials including wood to create nest boxes.

What will I know by the end of this unit?

- I will know how to evaluate a design
- I will know how to develop my own design from drawings
- I will be able to select materials to build my design
- I will be able to use a range of techniques to make my design
- I will be able to understand the structure of a design to hold something.

Vocabulary:

Design	a plan or drawing produced to show the look and function or workings of a building
Purpose	the reason for which something is done or created
product	an article or substance that is manufactured
Textile	a type of cloth or woven fabric
Cutting	the action of cutting something.
Joining	become linked or connected to.
finishing	complete the manufacture or decoration
gunpowder	an explosive consisting of a powdered mixture of saltpetre, sulphur, and charcoal, now chiefly used for quarry blasting and in fuses and fireworks.
compass	an instrument containing a magnetized pointer which shows the direction of magnetic north and

Diagrams



Cultural Capital - (including focused text / WOW moment / visitors / trips / fieldwork)

Creating our own Chinese invention

DT skills/techniques

- Designing
- Creating
- Planning
- Clueing
- Cutting
- Sawing
- Sticking

Skills

- Evaluate designs already available
- Generate and develop own design through drawings and creating templates/patterns.
- Select textiles which can be used to make design.
- Use a range of joining techniques to make design.
- Evaluate.
- Be able to generate a design from existing products.