

Production Technology 11

Box Project

For this project you be marked according to four criteria:

1) Accuracy of measurements

Your measurements must match those of your project proposal

2) Quality of finish

As usual, your project must be sanded to 220 grit, with the edges slightly rounded and the carefully painted or varnished

3) Quality of joinery

You want tight, well-formed, strong joints with no gaps

4) Challenge of joinery

For this, your mark will be different according to which kind of joinery you use to assemble your project:

- | | |
|--------------------------------|-----------------|
| <input type="checkbox"/> 2/10 | butt joints |
| <input type="checkbox"/> 3/10 | nail joints |
| <input type="checkbox"/> 4/10 | screw joints |
| <input type="checkbox"/> 5/10 | mitre joints |
| <input type="checkbox"/> 6/10 | rabbet joints |
| <input type="checkbox"/> 7/10 | biscuit joints |
| <input type="checkbox"/> 8/10 | dowel joints |
| <input type="checkbox"/> 9/10 | finger joints |
| <input type="checkbox"/> 10/10 | dovetail joints |

In addition to the joinery, you will have some other choices to make:

What kind of lid to use: (see inside)

Flush
Lipped
or Recessed

What kind of overall shape to use: (see inside)

Standard box
Small set of shelves
or a Small set of drawers

And what measurements to use:

Height: _____ inches
Length: _____ inches
Width: _____ inches

You will have a maximum of \$7.50 to make your project.

Use this booklet to help you choose what kind of box to make, and to learn how to communicate your idea well.