Diary of Events

The assignment given was to construct a Trinket Box contain both Through Dovetails and Double Lapped Dovetails.

The first task was to pick out the material and check for any defects that may be present. The material consists of:

No.	Item	Material
Box		
2	Front/Back	Walnut
2	Sides	Walnut
1	Bottom	Walnut Ply
Lid		
2	Styles	Maple
2	Rails	Maple
1	Panel	Mdf
Feet		
2	Moulded Ogee	Maple
Other Items		
2	Hinges	Brass
6	Screws	

Construction

Box

Through Dovetail and Lapped Dovetail

- Mark face side, face edge.
- Mark the position of sockets using 1:8 dovetail marker.
- Score sockets with Stanley.
- Cut sockets vertically with dovetail saw.
- Chisel out the waste material.
- Use chisel to square shoulders of sockets.
- Mark position of pins from the sockets.
- Cut shoulders of pins with dovetail saw.
- Square shoulders with chisel.
- Fit together and adjusted.

- Mark position of groove on inside of box.
- On spindle moulder cut out groove.
- Insert base panel.
- Dry fit, clamp, square and glue.

Lid

- Mark face side, face edge.
- Mark position of tenons by measuring a distance of 290 between each shoulder.
- Cut tenons on tenor.
- Mark position of mortises.
- Cut mortises on mortiser.
- Use spindle moulder to cut 8mm rebate.
- Insert panel into groove and dry fit.
- Check for square and glue.

Feet

- Cut moulder ogee into eight
- Mark position of 45 degree angles.
- Using the guillotine cut out the 45 degree angle
- Put feet into pairs and glue
- Glue feet to box

Hinges

- Mark position of hinges 60mm from the edge of box
- Chisel out the waste from the box and the lid for the position of hinges
- Mark and cut out the position of the screws

Timing

Events	Estimated Time	Actual Time
Make plan and sequence of events	15	10
Box		
Mark Face side/edge, front, back and sides of trinket box	3	2
Calculate and mark the position of through dovetail sockets	10	11
Calculate and mark position of Double lapped dovetails sockets	10	16
Cut out Sockets	35	28
Cut Out Pins	35	25
Adjust Pins to fit Socket	20	40
Cut Groove	10	5
Dry Fit	15	10
Gluing	15	13
Lid		

Cutting tenons	15	8
Mortises	15	14
Dry Fit	15	12
Gluing	10	8
Feet		
Cutting Feet	30	31
Other		
Hinges	20	
Sanding	15	13

Safety

Mortiser

Make sure that the timber is securely in place and that nothing is obstructing the chisel piece

Tenoner

I used appropriate guarding when using the tenoner and made sure that the piece of timber was placed correctly.

Spindle Moulder

While using the spindle moulder shaw guards and push blocks were used.

Reflections

Overall I am happy with the way my Trinket Box turned out. However If I was to do this project I would ensure that all my sockets were completely square and clean before starting the pins. This will mean that would only have to adjust the pins hopefully leading to fewer gaps in my box.