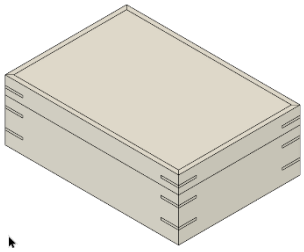
JEWELLERY BOX PROCEDURE



Name: _____

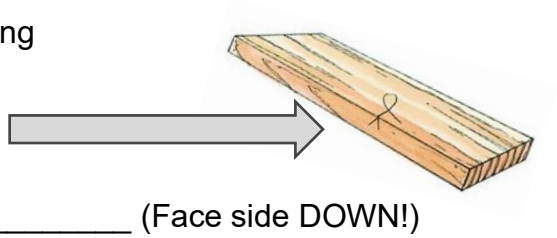
Jewelry Box Sides & Ends

1. Break out stock _____ pce(s) x _____ width x _____length

    a) layout parts on rough stock
    b) get approval from instructor

2. Cut to rough length on mitre saw of _____ long

3. Joint a **<u>Face Side AND face Edge</u>** on all the pieces - mark them

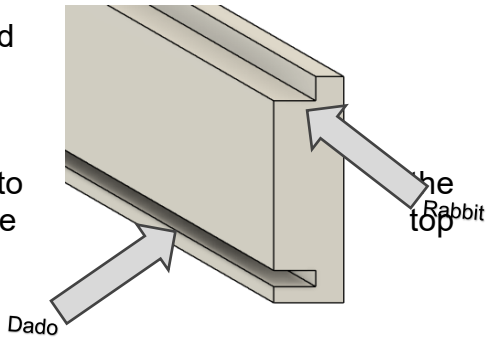


4. Plane all pieces to the finished thickness of _____ (Face side DOWN!)

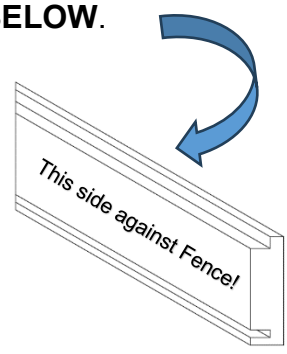
5. Rip all pieces to final WIDTH of _____ on the Table Saw

6. Cut a 1/4" dado on the **<u>table saw</u>** that is _____ deep and _____ up from the bottom to create the slot for the bottom to eventually slot into.

7. Cut a _____ deep by _____ wide rabbit into top of your board(s) on the **<u>router</u>** using a straight bit so the top can eventually be inset into the box once it is glued together.



8. Set the Mitre Saw to 45^0 and cut one end on a 45^0 angle. **MAKE SURE YOU CUT THE CORRECT WAY!!!** Check for 90^0 square with a try-square. **SEE BELOW**.



9. Set a "Stop" at _____ and make the second cut to complete your first piece. **MAKE SURE YOU CUT THE CORRECT WAY!!** Repeat the process for 2nd piece.

10. Set a "Stop" at _____ and make the 3rd and 4th pieces. **MAKE SURE YOU CUT THE CORRECT WAY!!**

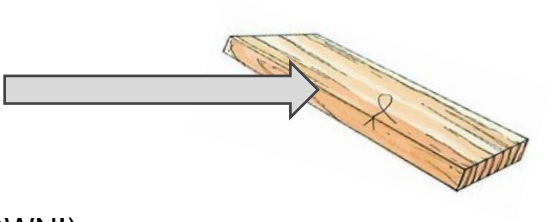
11. Using a band clamp, DRY CLAMP the box together to make sure it fits and the corners are tight. **DO NOT GLUE TOGETHER AT THIS POINT!**

12. Sand the inside of the box all the way to 220 grit. It cannot be done after the box is glued together.

Jewelry Box Top/Bottom

1. Break out stock _____ pce(s) x _____ width x _____length

2. Joint a **Face Side AND face Edge** on all the pieces - mark them



3. **If it is a single piece of wood**, plane to the finished thickness of _____ for the **TOP!!** (Face Side DOWN!)

4. **If the top consists of 2 or more pieces**, glue together

5. **If you glued pieces together** - scrap excess glue off

6. **If you glued pieces together**, plane to _____ thickness for the **TOP!!**

7. Cut the piece of wood (Top/Bottom) in half on the Mitre saw or table saw to separate them.
   - Put one piece aside as the TOP. Make sure you **DO NOT** plane it as this time!!

8. Plane **ONE** of the pieces (the one that will be the bottom) to its final thickness of _____ Use a backing board on the planer if the final thickness is ¼" of less!

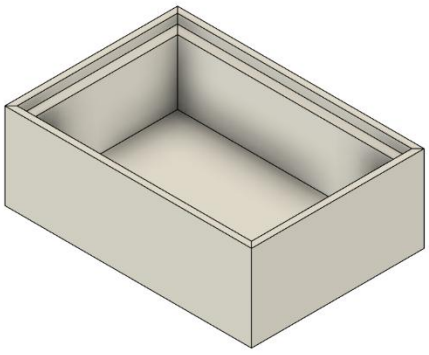
9. **For the BOTTOM PIECE ONLY!** Rip to final width of _____ on the table saw. (You **NEED** to measure the dado)

10. **For the BOTTOM ONLY!** Cut one end square, then cut to final length of _____. (You **NEED** to measure the dado)

11. Sand the inside of the Top and both sides of the Bottom all the way to 220 grit. They cannot be done after the box it glued together.

12. You are ready to assemble the box **WITHOUT** the top

Assembly of the Box

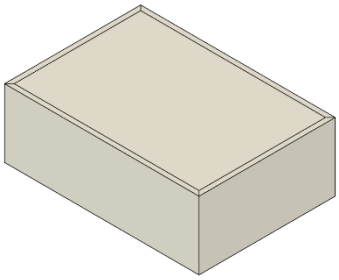


1. Using a band clamp, DRY CLAMP the box together with the bottom installed to make sure it fits and the corners are tight. If not, adjust the size of the bottom to fit.

2. If everything lines up and the fit is good, lay the box out on the tape and tape the inside edges to prevent glue from touching the wood (ask teacher for a demo) ALSO, tape the outside edges so you can assemble the box once glue is added (ask the teacher for a demo). Ensure there is NOT too much glue so that it does not ooze into the inside of the box. Wipe any excess off carefully if there is. Let dry until next class.

3. Remove excess glue from the outside if necessary.

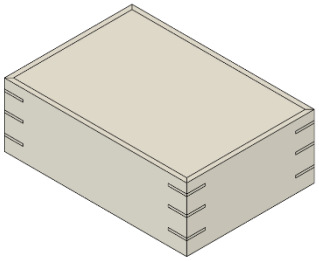
4. Now, fit the top.



5. Rip the top to final width of _____ on the table saw.
   (You **NEED** to measure the dado)

6. **For the BOTTOM ONLY!** Cut one end square, then cut to final length of _____.
   (You **NEED** to measure the dado)

7. Layout the location for the splines. Keep in mind that **YOU WILL NEED** a spline that is located on the **LID** once you cut the box apart. From the bottom, your splines are at _____ and _____ and _____ and _____.



8. Make your spline cuts using the **spline jig** on the table saw. Ensure a backing board is in place so you **do not chip out the wood**.

9. Acquire a piece of 1/8" material for your splines from the instructor OR thickness plane/sand a piece of SCRAP wood for the splines and make sure it fits snuggly in place.

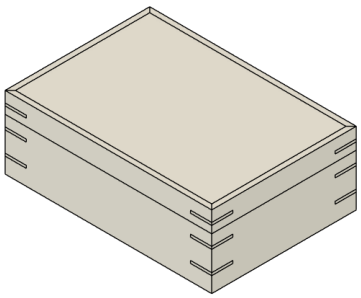
10. Using a combination square, layout the splines on your 1/8" piece of wood and cut them out on the bandsaw.

11. Glue your splines in place and let dry.

12. Trim down the splines using a Bandsaw, flush cut saw, block plane and/or sand smooth.

13. Router any Edges

14. Sand the outside of the box all the way to 220 grit.



15. On the table saw, cut the lid off. Ensure at least ONE SPLINE is in the lid!! Use the "Lid jig" to cut the top off

16. Install hinges as demonstrated by the teacher based on your project. Use the trim router and hinge jig.

17. Install the hinges using super glue first to keep them in place, then **predrill a pilot hole**. Finally install the screws.
    (The screws are brass and will twist off easily if the wrong drill bit is used for the pilot hole!!)

18. Finish the project with a water-based stain (3 coats).

19. Install the chain and hasp for the lid.

20. Complete an evaluation sheet and submit for marking (include your Drawing).