

NAME _____

NUT CRACKER PLANS

Cross out steps as you complete them

- 1) Show Kuhn this paper to get 3 pieces of 2 1/2" square Mahogany.
- 2) Stamp your 1st & last name on one of the squares.

Don't stamp name along the edges

- 3) Glue pieces together with grain going the same way at the gluing table.

MAKE SURE THAT STAMPED NAME SQUARE IS ON TOP

- 4) Put project in VICE. Start with slight pressure. After 5 minutes tighten a little more. Wipe off excess glue. Continue until VICE is fully tightened. Turn every 5 minutes and wipe off excess glue.

Leave in vice until right before you leave class and then put in locker

- 5) Sand all glue sides until smooth and no glue marks.

*****NOTE*****

BOTTOM has your name stamped on it, Top is the side opposite of the bottom and SIDES show the end grain

- 6) Draw a "X" on the top and draw an "X" on one of the sides (End grain)
FIGURE 1

- 7) On the top, draw a line with a tri-square through the center to the side with the "X" on it FIGURE 2 then measure up one inch from the side with the "X" on it. FIGURE 3

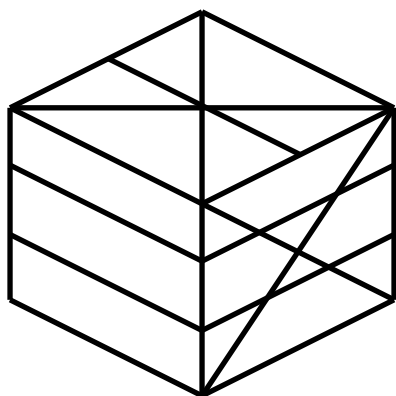


Figure 1

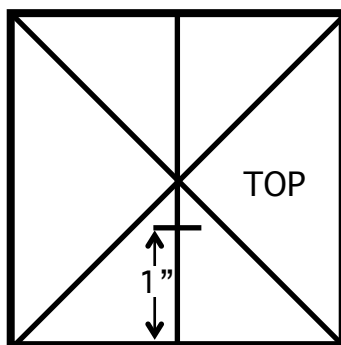


Figure 2

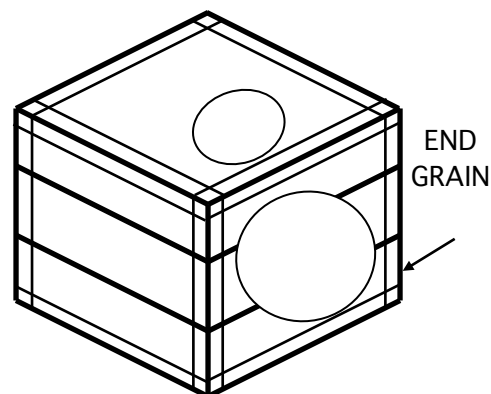


FIGURE 3

- 8) Check with Kuhn then center punch on marks made on steps 6 & 7.
- 9) On the top drill a 7/8" hole 1 inch deep on the DRILL PRESS #1.
- 10) On the side drill a 1 1/2" hole 1 3/4" deep on the DRILL PRESS #2.
- 11) On all the sides draw a line 1/8" away from each edge. **FIGURE 3**
- 12) File down each edge to the 1/8" line. Start with the end grain 1st.
- 13) Sand off all pencil marks.
- 14) Put In vice making sure you clamp the grain together.
- 15) Get 1" Tap from Kuhn then thread the 7/8" hole.
- 16) Sand with 220 grit then 600 grit
- 17) Stain project put in locker.
- 18) Cut a piece of 1 inch dowel 3 1/4" long on the BAND SAW
- 19) Drill 3/8" hole on the DRILL PRESS.
- 20) Sand Handle with 60 grit, then with 200 grit, then with 600 grit until it fits through a 1" hole.
- 21) Get a 3/8" piece of dowel and with a rubber mallet hit dowel into 3/8" hole in the 1 inch handle over hole in work bench.
- 22) Place handle in vice and cut threads with the 1" DIE.
- 23) Stain Handle let dry in locker.
- 24) Do evaluation. **EVALUATION MUST IN PENCIL**
- 25) Hand in Evaluation, Plans, and Nut Cracker to get project grade.