

NAME \_\_\_\_\_

# NUT CRACKER PLANS

Cross out steps as you complete them

1) Cut three squares at the **BAND SAW** using the miter gauge. Write name on all three pieces.

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 THE STAMPED NAME SQUARE IS ON BOTTOM**

**WAIT 5 MINUTES BEFORE GOING ON TO NEXT STEP**

4) Clamp the 3 glued squares to your table using the portable clamp. Make sure that all the sides are even. Start with slight pressure. After 5 minutes tighten a little more, wipe off excess glue, and continue until Clamp is fully tightened.

**LEAVE CLAMPED UNTIL THE LIGHTS GO OFF AND THEN GIVE TO KUHN**

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 1 then measure up one inch from the side with the "X" on it. FIGURE 2

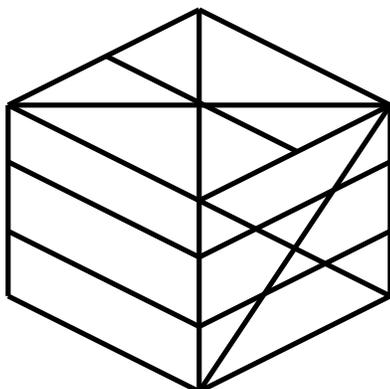


Figure 1

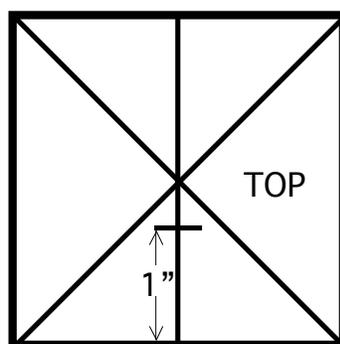


Figure 2

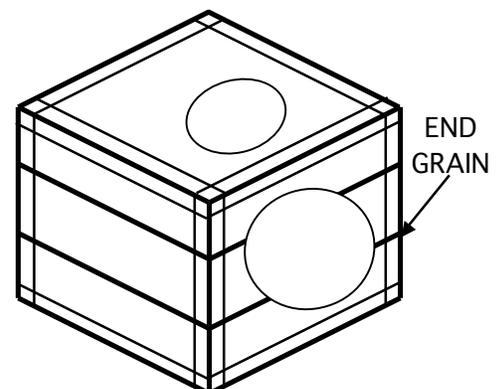


FIGURE 3

- 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) Sand off all pencil marks.
- 12) On all the sides draw a line 1/8" away from each edge. **FIGURE 3**
- 13) Put In vice making sure you clamp the grain together
- 14) Get 1" Tap from Kuhn then thread the 7/8" hole.
- 15) File down each edge to the 1/8" line. Start with the end grain 1st.
- 16) Sand off all pencil marks.
- 17) Sand with 220 grit then 600 grit
- 18) Stain project put in locker.
- 19) Cut a piece of 1 inch dowel 3 1/4" long on the **BAND SAW**
- 20) Stamp your initials on one of the ends at table 5.
- 21) Drill 3/8" hole in the 1" dowel on the **DRILL PRESS**.  
Sand with 200 grit then hand in 220 grit to get 600 grit.
- 22) Hand in 600 grit to get 3/8" piece of dowel.
- 23) Sand ends of 3/8" dowel to make it look like a pencil on both ends.
- 24) With a Hammer hit dowel into 3/8" hole in the 1 inch handle over hole in work bench.
- 25) Place handle in vice and cut threads with the 1" DIE.
- 26) Stain Handle let dry in locker.
- 27) Do evaluation. **EVALUATION MUST IN PENCIL**
- 28) Hand in Evaluation, Plans, and Nut Cracker to get project grade.