

# Turning a bowl

1. Go to Room A and select a bowl blank.
2. Using a ruler mark the center.



3. Use a compass to draw the largest possible circle on the blank.

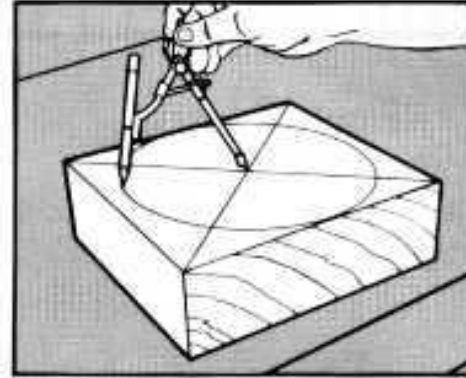


Figure 1

4. Find Mr. Gary and have him help you cut the blank on the bandsaw. This is a dangerous cut you need help with the first time.



5. Find a faceplate and mount it to the center of the top of the bowl blank. Use 1 ¼" coarse pocket screws.



6. Attach the faceplate to the headstock and bring up the tailstock as support for the unbalanced bowl blank.  
7. Rotate the hand wheel to ensure that the blank does not strike the tool rest.



8. Starting at the tailstock and working forward toward the headstock using a ½ " bowl gouge, take very small bites to get the blank as balanced as you can.

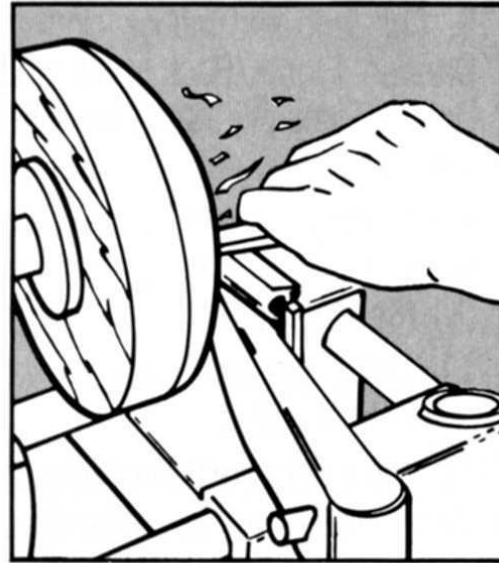


Figure 3

8. Once the outside of the bowl is what you want, true up the bottom of the bowl and cut the recess to accept the chuck. A square nosed scraper is effective here.



9. Mount the bowl in the 4 jaw chuck and remove faceplate.



10. Using a bowl gouge hollow out the inside of the bowl in smooth even passes. RIDE THE BEVEL to avoid catches. Bowls should have even sides about  $\frac{1}{4}$ " thick.



11. Remove the tailstock and toolrest and sand the bowl to perfection. Progress up the grits to avoid leaving scratches.  
100,150,220,400



12. Apply a small amount of friction polish on a paper towel and buff on polish until you achieve a smooth shine. Use beeswax or mineral oil if you want a food grade product.



13. Remove from the lathe and hand polish the bottom of the bowl. Sign your work.

