Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_\_

Storage Chest Plan of Procedure #3

End Panel Construction

1. Get a board from the wood storage room that is more than 4 ½” wide. Be sure to get the type of wood you are planning on using for the panels.
2. Use the Radial Arm Saw or Miter Saw to trim off any cracks.
3. Cut two lengths each 20” long using the Radial Arm Saw or Miter Saw.
4. Use the Jointer to Joint one edge flat on both boards.
5. Glue the two boards together using three STEEL BAR CLAMPS. Remember to have the best looking faces up and alternate your clamps on top and bottom. Use the Clamp table when gluing. Write your name on your board and let dry for at least 30 min.
6. After the glue has dried use a GLUE SCRAPER to remove any excess glue.
7. Use the PLANER to plane your board down to 13/16”.
8. Use the Jointer to joint one edge of your panel flat.
9. Use the TABLE SAW to rip your board to a width of 8 7/8” wide. Be sure to keep the jointed edge tight against the fence.
10. Use the PANEL SAW to trim one END of your board flat by cutting off about ¼” off one end. Be sure to hold or clamp your board tight against the fence.
11. Use the TABLE SAW to cross cut your board into TWO boards each 8 ½” long. Set the fence to 8 ½” and have the END you just cut on the Panel Saw go against the fence.
12. Mark an “X” on the best face of each board.
13. Use the “Panel Cutter” Shaper to shape the “raised panel” design all the way around each board. Do the END GRAIN FIRST. Be sure that the face with the “X” is down. Use the Power Feeder when using the Panel Cutter. Keep the board tight against the fence.
14. Dry assemble your two End Panels with the Rails, Stiles, and Panels. Do Not Glue them yet. Be sure your name is on every board.
15. Teacher Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
16. Hand this paper in to the Turn-In folder.