

# **California SkillsUSA Introduction to Woodworking State Contest Description**

Description: The Introduction to Woodworking contest is a state contest only. It is open to all first year secondary construction or woodworking students. Contestants will build a beginning woodworking level project that may require the use of stationary power tools such as the table saw or power miter box under the contest coordinator's supervision. The project may also include the use of portable power tools such as a portable electric drill and a jig saw. Hand tools will also be required to complete the project. Contestants are required to bring the tools listed to the contest. All materials and stationary tools will be provided for.

A measured drawing, tool list, scoring sheet, and sample written test has been attached for your convenience. Contestants are required to attend an orientation meeting. A sample project will be available and detailed instructions given at the orientation meeting. A written test will be administered at the orientation meeting and will make up 10% of the total score.

# TOTE TRAY NOTES

(Recommended project for the state competition)

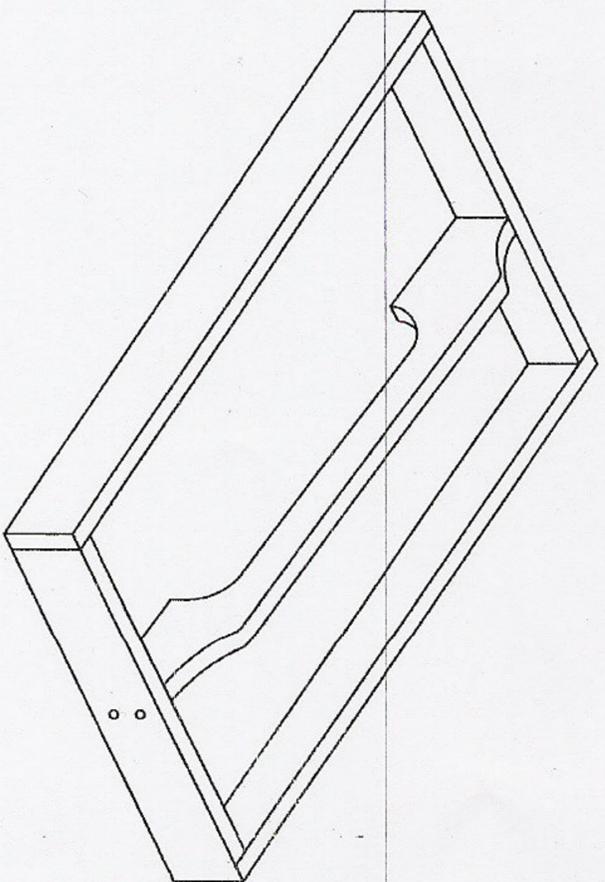
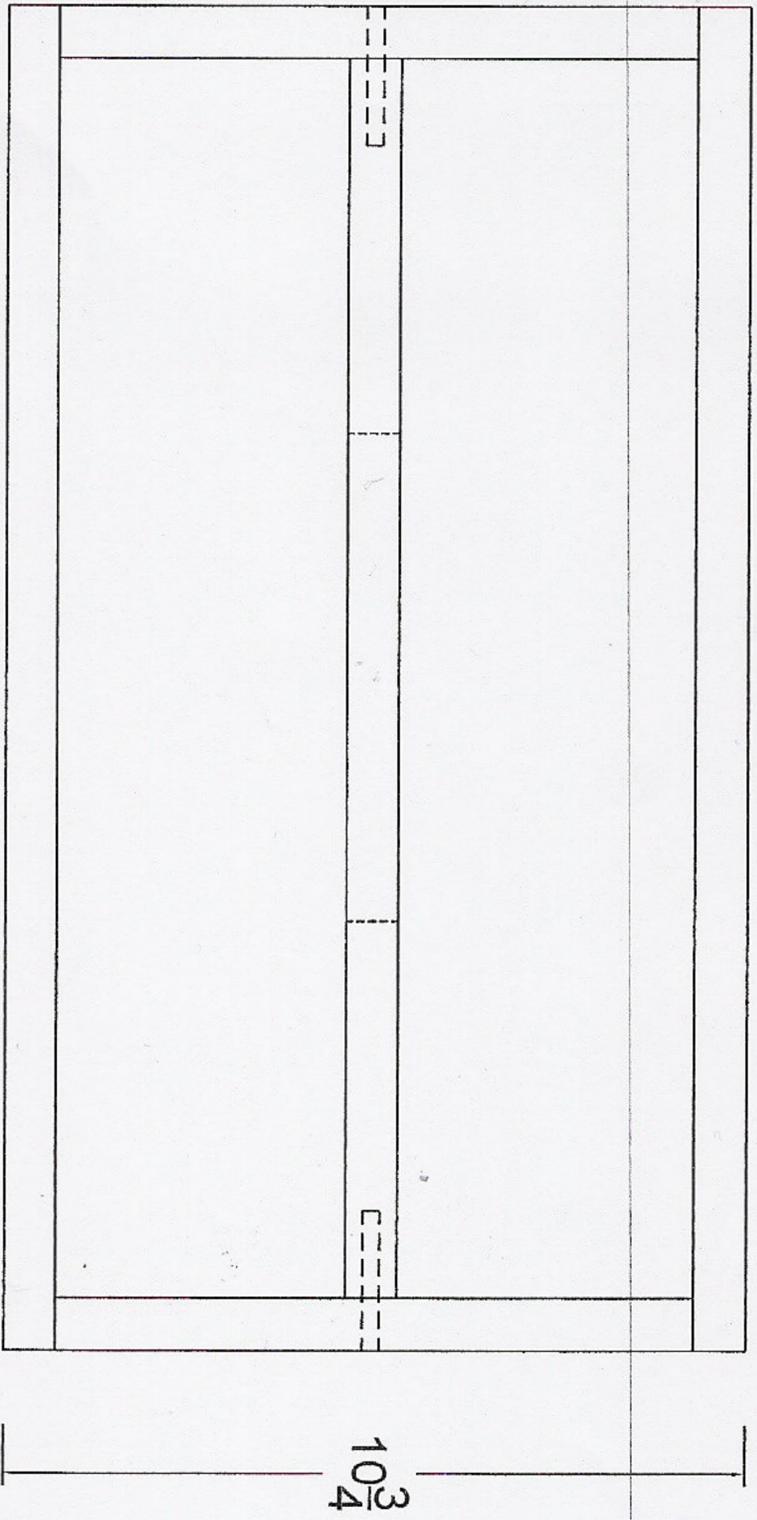
Dear Contestant,

This Tote Tray will be made from  $\frac{3}{4}$ " # 2 pine. The material has been ripped to width for you, but you will need to cut each piece to length using a power miter saw that has been provided for you to use. The handle will be shaped using your jig saw. The handle should be doweled to the ends of the tray using your portable drill. The rest of the box will be glued and nailed together. Please set all nails and patch over them. Sand all surfaces smooth and remove all sharp edges.

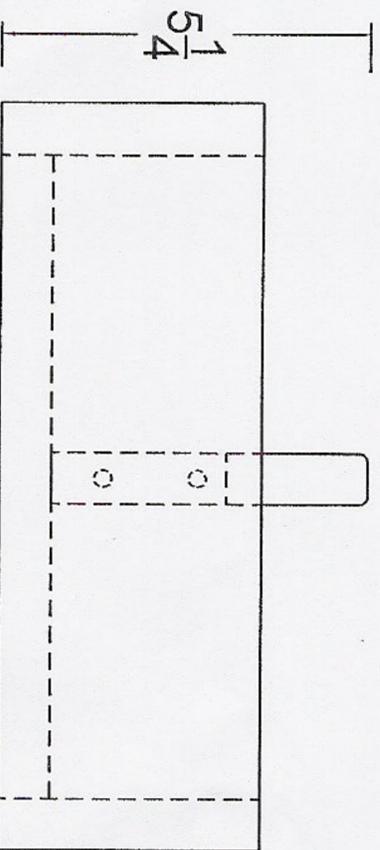
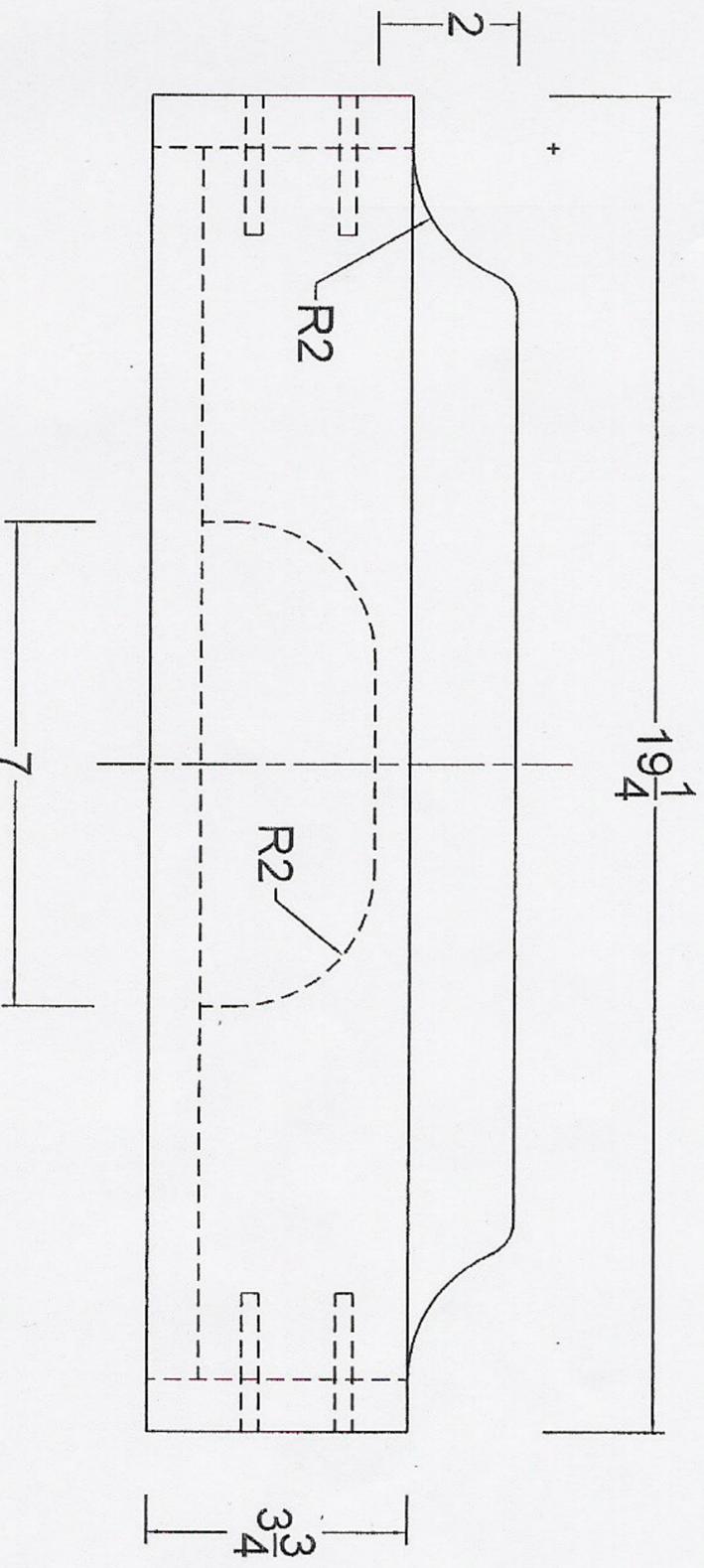
Below is a full list of tools the contestant is required to bring.

1. Safety glasses
2. Pencil
3. Compass
4. Sanding block
5. 100 grit, 220 grit sandpaper
6. Try square or combination square
7. Backsaw or dovetail saw
8. Claw hammer
9. Cordless drill
10.  $\frac{1}{4}$ " brad point drill bit
11.  $\frac{1}{6}$ " twist drill bit
12. Nail set
13. Tape measure
14. Electric jig saw with wood cutting blade
15. Wood rasp
16. Wood file
17. Block plane
18. 6" C clamp or equal.

# TOTE TRAY



- 1.) Glue and nail corners and bottom.
- 2.) Dowel the handle to the box.
- 3.) Bull nose break all sharp edges and corners.



**SCORING SHEET FOR THE  
TOTE TRAY  
STATE CONTEST**

**CONTESTANT # \_\_\_\_\_**

*Directions: Each item has a value of 100 points. Please use the rubric to assist in awarding points.*

- |   |       |
|---|-------|
| 1. Measurement of overall length            | _____ |
| 2. Measurement of overall width             | _____ |
| 3. Measurement of overall height            | _____ |
| 4. Spacing and alignment of nail holes      | _____ |
| 5. Spacing and alignment of Dowel rods      | _____ |
| 6. Top shape of the handle                  | _____ |
| 7. Bottom shape of the handle               | _____ |
| 8. Corner and bottom joints                 | _____ |
| 9. Sanding of surfaces and easing of edges. | _____ |
| 10. Written test score.                     | _____ |
| <b>TOTAL POINTS</b>                         | _____ |