

Ag Shop Class

Flag Stand Project – Quiz Project

Name _____

_____ points earned
25 possible points

In this project, you will be working with a piece of oak wood to prepare and finish a flag stand. The stand when done will be approximately 3 7/8 inches long and 2 1/2 inches wide.

Procedures:

1. Cut board using radial arm saw to 3 7/8 inches long. -- done
2. Design using a pencil the mid-line that is 1 inch down from the top.
3. Design using a pencil the middle of this line and identify it.
4. Design using a pencil a mark 1 inch on both sides of the mid-point.
5. Drill two drill holes (the outside holes) that will be at a _____ degree angle.
6. Drill the center hole at a _____ degree angle.
7. Use the router table to round over all top edges
8. Use the sandpaper to sand/smooth the entire project, removing pencil lines and any roughness.
9. Use tack cloth to remove dust.
10. Apply first coat of tung oil and rub in.
11. Apply 2nd coat of tung oil the following class period and allow to dry.
12. Insert flags.
13. Make summary/write up over project. This project will be entered into the Story County Fair this summer.

Grading rubric on opposite side

Evaluation Criteria	4—Excellent	3 –Above Average	2 – Average	1 –Below Average
Length (4 pts)	Correct length according to directions.	¼ to 1/2 inch off	½ to 3/4 inch off	More than 3/4 inch off
Holes for flags (2 pts)	Correct size and angles	1/8 to 1/4 inch off or wrong angles	1/4 to 1/2 inch off or wrong angles	More than 1/2 inch off or wrong angles
Finish – sanding (6 pts)	Very smooth and free of defects	Smooth with some defects	Rough with defects	Rough with splits
Appearance with stain (6 pts)	Even with correctly applied paint	Slightly uneven with correctly applied paint	Uneven with correctly applied paint	Uneven with paint applied incorrectly
Safety (2 pts)	Demonstrated appropriate safety at all times	1 to 2 safety violations	3 to 4 safety violations	More than 4 safety violations
Summary and/or write up (5 pts)	Typed out using correct grammar and no mistakes	Typed out using correct grammar and less than 3 spelling mistakes	Typed out using correct grammar and has 4 to 6 spelling mistakes	Not typed out and contained grammar mistakes and more than 7 spelling errors.