

Woodworking Display

Middle School/High School

PURPOSE

To display woodworking projects that have been completed during the current school year.

GENERAL REGULATIONS

- All National Technical Standards must be followed when competing in this competition.
- Example: #14: Prohibited Materials: No live animals or hazardous materials are allowed as part of any competition.
- All SkillsUSA Wisconsin "General Regulations" must be followed.
- All rules and instructions listed on this document must be followed.
- Projects must have a footprint that is smaller than 4'x8'.
- Only portions of the projects constructed using wood will be judged.
- Only 4 high school contestants per SkillsUSA chapter.
- High school competition will be capped at 75 contestants.
- Middle school competition will be capped at 50 contestants.

OBSERVER RULES

Projects will be on display in a designated area for all to view throughout the competition. **Projects must remain on display until at least 4:00 PM or they will not be judged.**

WRITTEN TEST

All **High School** participants will partake in a written test of knowledge pertaining to the common woodworking curriculum. (May consist of these topics but not limited to; joinery, finishing, squaring material, calculating material needs, etc.)

INTERVIEW

All **High School** participants will partake in a roughly 10 minute interview with representatives from industry. Questions will involve the building process, development, finishing and other topics. Interview times will be assigned and shared with the contestant and advisor. Middle school students will not be interviewed.

SCOPE OF CONTEST

1. Contestants will be identified by number only.
2. A 3x5 Card must be firmly attached (i.e. taped) to the project for easy identification. Projects without a contestant number will not be judged.

Contestant #: 1234 Cost of materials: \$65

(Sample Display Card)

3. Cost of materials should be the value of the materials used, **not** the value you wish to sell the project.
4. The cost of materials (or fair market value if using donated materials), should also be located under the contestant's number in the upper right hand corner. Please see the chart below for the categories.

MS Cost of materials	HS Cost of materials
\$0 - \$100	\$0 - \$50
	\$51 - \$149
	\$150-\$400

5. The project must also have an informational 3 ring binder located on or next it with the contestant number clearly marked on the cover (Specific criteria for binder listed below).
6. The contestant number should be placed in the upper right hand corner of all documents.
7. If contestant information is not legible, the project will not be judged.

PROCESS DOCUMENTATION

The contestant must include a three ring binder containing the following:

1. Design sketches and/or drawings. If using stock plans, judges expect to see additional drawings or sketches of details.
2. Process documentation, including:
 - a. Total # of hours spent designing, planning and manufacturing your project.
 - b. Bill of materials, including dimensions and total material cost
 - c. Plan of procedure - This should include detailed descriptions of the steps taken in order to complete the project.
3. Pictures
 - a. Pictures of finished project
 - b. Pictures of steps taken during the build.
4. Resume
5. The notebook must be limited to 10 pages (20 surfaces) and must be labeled with your contestant number and included with the project. Process photos are encouraged.

CLOTHING

Contestants are required to arrive at their interview wearing official SkillsUSA attire. This can be the khaki/blue work attire or the white/black/red blazer leadership attire. ***Remember that official attire must be worn to receive a medal at the awards ceremony.

State SkillsUSA Project Rubric

Contestant number: _____

Category	0-3 pts	4-6 pts	7-8 pts	9-10 pts	Score	Comments
Originality	The project is made from a premade set of instructions.	The project is similar to other projects of its kind. Some design aspects were added.	The project was designed by the student. It contains design aspects that are interesting.	The project was designed by the student. It contains design aspects that make it stand out from other projects.		
Degree Of Difficulty	The difficulty is at a beginner level for the specific age group.	The difficulty is at an Intermediate level for the specific age group.	The difficulty is at an advanced level for the specific age group.	The difficulty is at an expert level for the specific age group.		
Process Docs -Drawings -Total number hours -Material cost -Materials list -Plan of procedure	There is little to no Documentation included.	Includes some documentation, more organization is needed.	Includes all but one piece of documentation and is fairly organized.	Includes all required documentation in a clear organized 3 ring binder.		
Overall Construction	Construction is poor. Nothing lines up. There is no symmetry. Nothing is square. There was no measurement used.	Not very solid. Out of square in places. Parts don't line up. Symmetry is off. Measurement is off.	Construction is solid, and mostly square. Most components line up. Measurement is fairly accurate.	Construction is very solid, symmetrical and square. Everything lines up and is measured perfectly.		
Joinery	The wrong joinery was used. The quality of the joint is poor. Level of joinery is below basic.	A different joint could have been used. The quality is fair. Level of joinery is basic.	The joinery used is appropriate. The quality is good. Level of joinery is proficient.	The joinery used is appropriate for the project. The quality is perfect. Level of joinery is advanced.		
Quality Of Finish	No sanding was done. There are imperfections everywhere. Finish was applied haphazardly. Incorrect finish for material.	Some sanding was done. There are a few imperfections. Stain is not consistent throughout. Incorrect finish for material.	Project is sanded sufficiently. Very few imperfections. Stain is consistent. Very few drips. Similar finish for material.	Project is perfectly sanded. Finish is smooth and consistent. There are little to no imperfections. Correct finish for material.		
Resume	No formatting was used. There is little to no detail. The students is not ready to apply for school or work.	It has some formatting. Some school and work history are included. It shows a contestant that might be ready for school or work.	It has good formatting. It details some work and academic history. It shows a contestant that is ready to apply for school or work.	It has perfect formatting. It details the work and academic history of the contestant. It shows a contestant that is ready to apply for school or work.		
	PROJECT RUBRIC TOTAL					70 Total
Interview	Score information can be found on the interview rubric.					10 Total
Written Test	Score from the performance on the written test.					20 Total
Category Change	Any category changes not made prior to arriving at state will be deducted points.					-10 points
	TOTAL POINTS SCORED					