



Pennsylvania - District 2
Education . . . with a competitive side



CABINETMAKING COMPETITION

Clothing Requirements

Official SkillsUSA khaki work shirt and pants, black or brown leather work boots/shoes, and safety glasses with side shields or goggles. (Prescription glasses can be used only if they are equipped with side shields. If not, they must be covered with goggles.)

Note: At the district level if a student is not able to wear the official SkillsUSA attire he/she may wear an outfit that would be acceptable in their specific field of study. *Please keep in mind that official SkillsUSA attire will be required at the state and national level.*

Eligibility

Open to active SkillsUSA members enrolled in programs with Cabinetmaking as the occupational objective.

Equipment and Materials: Supplied by host school:

All equipment and materials will be provided. Equipment to include:

12" Cantek Jointer	10" Sawstop Table Saw
37" Cantek Band Saw	20" & 16" Disc Sanders/6" Belt Sander
24" Cantek Cut-off Saw	12" Festool & DeWalt Motorized Miter Saw
17" Drill Press	All hand tools
24" Cantek Surface Planer	All hand held power tools

Equipment and Materials: Supplied by contestant:

1. All students must have a one-page, typewritten résumé
2. Contestant may choose to bring their own hand tools.
3. All students must have Safety Pledge/Machine Qualification sheets signed
4. All students must bring their own tape measure, glasses, pencil, and proper shop attire.

Scope of the Contest – (Defined by the National Competition Regulations)

(District Competitions are meant to be a scaled down version of National Competition. It is important for the students to participate in a competition that will reflect a cross-section of the industry skills needed to prepare them for the state and national levels).

Contestant will identify common hand & power tools and woodworking joints used in cabinetmaking. Contestant will read a blueprint, fill out an accurate material cut list, and complete a machine oriented cabinetmaking project.

SkillsUSA: Champions at Work, I'm Ready
www.padistrict2skillsusa.com

Knowledge Performance

The contest will include a written test.

Skill Performance

The practical contest consists of workstations which require the cutting & milling of pieces to exact dimensions, and the construction of a face frame from the materials and drawings supplied. Contestants will demonstrate their ability to perform jobs or skills selected from the following list of competencies.

Contest Guidelines

1. Safety
2. Measurements
3. Machine skills
4. Assembly skills
5. Finished Product

Standards and Competencies

1. Complete material list from drawing
2. Layout stock
3. Cut and shape components
4. Assemble, fasten components (dry fit & screw only)
5. Sand finished project

Cabinetmaking Competition Rating Sheet

Items Evaluated	Possible Points	Contestant score
Verification of Machine Safety Checklist from competitor. Check if received (student disqualified from competing if not received)		
Blueprint Reading Material List Task 1	50	
Machining Accuracy Task 2	50	
Machining Accuracy Task 3 Construct	40	
Joints	40	
Assembly	30	
Finished project	50	
Safety	20	
Written Test	20	
Total	300	

Note: No cell phones or other electronic devices may be used at any time during a competition; this includes using a calculator function on a cell phone for competitions in which calculators are permitted.