

Cabinetmaking

Contest Update – March 25, 2021



Preparatory Information

Contestants will receive plans in a sealed tube mailer. The mailer must remain sealed until the beginning of the competition.

Materials will be provided for this competition and mailed to each school. Students should be prepared with the tool list below.

Contestants will login to the live Zoom meeting and complete the assigned project. The advisor must be present for safety purposes only and may not interact with the contestant at any time.

A Second Camera Proctor is required for this contest. They will provide additional angles and information for the remote judges.

Contestants may also be required to submit photos of their final product.

Submitted files must be in the designated format and named according to the Virtual General Regulations.

Tool List

- Table saw - at least 1 per 5 students
- Power miter saw - at least 1 per 5 students
- Pocket hole jig - at least 1 per 4 students
- Palm router and profiling router bit (with bearing guide) - at least 2
- Nail apron
- Safety glasses
- Dust mask
- Tape measure (1/16" graduations)
- Calculator (may not be a cell phone)
- Square: speed, try or combo
- Utility knife
- 13 oz or larger curved claw hammer
- 1/16" nail set
- Backsaw
- Screwdriver with interchangeable bits
- #2 square drive bit
- Cordless drill motor/driver with bits and charger (battery must be fully charged for competition)
- 24" parallel jaw/quick grip bar clamps (2 ea)
- Block plane (low angle recommended)
- 10 mil bastard file
- Sanding block for 1/4 sheet
- Sheet sandpaper (80, 120, and 220 grit)
- Cabinet scraper
- 1" flexible putty knife

Optional items:

- Cross cut saw
- Drill bits (1/16" to 3/8")
- Compass
- 1 set (4 pc) wood chisels (1/4" to 1", sharpened)
- 1/32" and 3/32" nail sets
- 8 to 12 oz rubber or wood mallet
- Kreg face frame clamps (2 ea)
- 6" C Clamps (2 ea)