



Limestone Skills Competition

March 24, 2017

Cabinetmaking

Secondary 2017

Committee members: Mike Mol and Melinda Scott-McAuliffe
Limestone Skills Competition Co-Chairs: Gary Pattenden and Jeff Birchard
Judges: TBA

Location: **St Lawrence College** – Construction Shop

Purpose of the Contest:

To provide competitors with the opportunity to demonstrate, through practical application, their skills and knowledge in the industry relevant to:

- Cabinetmaking
- Woodworking

Skills and Knowledge to be tested:

Competitors will be challenged to produce a project using the mitre saw, table saw, jointer, router, drill press, bandsaw, in combination with bench work and while demonstrating a competency of measurement tools. The need for students to work safely will be a priority and students will be judged on safe work practices during all activities in this event. *No Interviews are required at this competition*

Practical - 90%

- Construction Shop Operations
- Organization
- Measuring and Cutting
- Routing
- Layout Procedures
- Shaping and Sanding
- Drill Press
- Bench Work Procedures
- Project Sequencing and Completion

OCCUPATIONAL HEALTH AND SAFETY – 10%

- P.P.E. required
- Safe work procedures
- Basic hazard awareness
- Machine equipment operation competency

Clothing Requirements:

The competitor must supply and wear the appropriate clothing and protective gear:

- ✓ Safety eye wear (must include side shields) and hearing protection
- ✓ Long pants and T-shirt (NO muscle shirts or long, oversized shirts)
- ✓ No loose baggy clothing
- ✓ No inappropriate slogans or messages
- ✓ No jewelry
- ✓ No Hats or Caps
- ✓ No school identification to be worn
- ✓ NO CELL PHONES ARE ALLOWED IN THE CONTEST AREA!

** Please note: Failure to wear personal protective equipment in an appropriate manner will result in loss of marks. More than one warning may result in competitor being disqualified from contest. Competition judges will have final authority on matters of safety.

Equipment and Materials:

Provided by the Competitor:

All tools must be in safe working order

- ✓ Safety glasses
- ✓ Hearing protection
- ✓ Cordless drill
- ✓ Tape measure
- ✓ Pencils, erasers
- ✓ Square
- ✓ Hammer
- ✓ Mallet
- ✓ #8, #6 countersink bit
- ✓ Robertson screwdrivers
- ✓ Ruler
- ✓ 2 – 2' clamps
- ✓ Circular compass
- ✓ Extension cord (properly maintained and legal)

Contestants may bring other tools not listed but they must be approved by Committee Chair in advance.

Please ensure that all tools the students are bringing are labeled with their names or are identifiable as to which school they belong to.

Provided by the Committee:

- ✓ All stationary machinery
- ✓ All Materials required to complete project
eg. - wood, glue, screws, dowel, sandpaper

Clean-up of the entire work area is mandatory for all competitors and will take place after the judged portion of the competition.

No student will be excused until clean-up activities are complete.

Evaluation:

Judging Criteria	Evaluation Scoring
Compliance with occupational health and safety	10 %
Compliance with dimensional accuracy (Measurement)	40%
Compliance with dimensional accuracy (Workmanship)	40%
Completion of project	10%
Total:	

Project Scope:

- Mission Style Mirror Frame

Project Plans and an Exemplar:

- Plans will be available on competition day.
- Exemplar will be available to all before and during the competition

A minimum score of 60% will be required to receive any ribbon or medal or to be eligible to advance to the Skills Ontario Regional Competition.

As the rules state, there are no ties. If the score is even after the contest closes. Competition Judges will have final authority of which contestant receives the gold medal.

Instructions for student participation in the Regional Event will be given at this time.

Should you have any questions about this scope please contact the competition co- chairs:

Gary Pattenden – Kingston Collegiate & Vocational Institute
at pattendeng@limestone.on.ca

Jeff Birchard - Napanee District Secondary School
at birchardj@limestone.on.ca