



**DSBN REGIONAL [CARPENTRY TEAM](#) SKILLS CHALLENGE 2024
SECONDARY LEVEL SCOPE**

Co-Chairs: Brad Coreno & Paul Grummett

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PURPOSE OF THE CONTEST:

To test the competitor's theoretical knowledge, practical skills, and abilities pertaining to standards within the carpentry industry.

EVENT DETAILS:

Date: Wednesday, March 6, 2024

Time: 8:00AM (Arrival & Setup) to 2:30PM (Clean-up & Judging)

Location: **Castle Niagara Building & Design Center, 2880 Hwy 20 East**

ENTRY: Students must register online at [DSBN Technological Skills Challenges 2024 Registration](#) with all the required information completed to be eligible to participate.

SKILLS AND KNOWLEDGE TO BE TESTED:

- Theoretical knowledge of carpentry and general practices.
- Blueprint reading and interpretation.
- Design and layout of building materials
- Construction/Assembly of a project
- Safe operation of hand and power tools.

SAFETY REQUIREMENTS: Competitors are required to follow all “Industry Safety Standards” during the competition.

- It is mandatory for all competitors to wear CSA approved **EYEWEAR**.
- It is mandatory for all competitors to wear CSA approved **FOOTWEAR**.
- Jewelry such as rings, bracelets, and necklaces or any item deemed unsafe by the competition judges must be removed.
- Proper shop attire must be worn (NO LOOSE CLOTHING)

EQUIPMENT, MATERIALS, TOOLS, AND SUPPLIES:

Equipment Supplied by DSBN Tech, Dewalt and Castle Building Centre:

- All lumber required to complete the project (delivered to Skills Challenge)
- All consumables (hardware/wood screws) provided to complete the project.
- **All portable power tools provided by Dewalt**

Equipment Supplied by the Competitor:

- Carpenter’s Belt
- #2 Red Robertson Screwdrivers (optional)
- Imperial Measuring Tape(s)
- Pencils
- Assorted Countersink Bits
- Carpenter’s Hammer(s)
- Framing Square
- Speed Square(s)
- Combination Square
- Straight Edge
- Assorted Twist Drill Bits
- Wood Chisel(s)
- Chalk Line
- Sawhorses and/or work tables
- *****BROOM, DUST PANS & GARBAGE CONTAINER*****

CLOTHING REQUIREMENTS:

- Competitors are to be dressed in a clean appropriate manner.
- Competitors are to wear DSBN technology shirts.
- Competitors are not permitted to wear clothing with any other logo than the DSBN.
- **Safety Glasses Required at “ALL TIMES”.**
- CSA Approved safety footwear required.

- Any added PPE as per safety policies.

PROJECT AND COMPETITION EXPECTATIONS:

- To be disclosed on **Wednesday February 14, 2024**

JUDGING CRITERIA:

- Judging will be conducted by specialists in Carpentry and representatives for the competition.

Criteria	Earned Points	Comments
Worksite Safety & Site Cleanup	/5	
	/5	
	/10	
Accuracy of main project Overall dimensions Bench/Table Base Joinery Overall Fit of pieces Accuracy of Fasteners	/25	
	/20	
	/20	
	/15	
	Total	
Completion Table Bench	/5	
	/5	
	Total	
Total Score	/100	

- The trade skill component of this challenge is worth approximately **80%** of the overall mark. The judges will also evaluate the competitor's working knowledge of construction safety, level of independence, and clean-up. Competitors will receive the blue prints and the evaluation **three(3) weeks** prior to the day of the challenge.

ENTRY:

- Students must be registered online prior to the **Competition Dates: March 6, 2024** with all of the required information completed to be eligible to participate.

TRANSPORTATION:

- Teachers and students are responsible for their own transportation to and from their respective schools the day of the Carpentry Challenge.

TEACHER'S ROLE:

- Instructors are expected to acquaint their student participants with all of the enclosed guidelines. Teachers may accompany their students or visit any time during the competition, "*But may not assist their own competitors during the challenge.*"

****Please Note: **** *Judges will be instructed to deduct marks from participants that are deemed to be receiving instructions from teachers during the build.*

SPECIAL INSTRUCTIONS AND GUIDELINES:

- The use of pneumatic tools is "PROHIBITED"
- Teachers and competitors are responsible for the removal of the project at the end of the Carpentry Challenge.

COMPETITION AGENDA:

8:00 a.m.	Arrival at Contest Site & Set Up - (Castle Building & Design Center)
8:15 a.m.	Orientation & Opening Remarks
8:30- 8:45 a.m.	Competition begins
11:30 a.m.	***** Lunch (will be provided) *****
2:30 p.m.	Clean up - (Competitors/Schools are responsible for removal of Waste)
3:00 p.m.	Competition Ends - Final Judging and Closing Remarks

**** Each competitor will be given a number by their coordinator upon registration at the location and will be judged anonymously during the competition.**

LOCATION:

- Castle Building & Design Center
2880 Hwy 20 East
Fonthill, ON