



TECHNOLOGICAL **SKILLS** CHALLENGES

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YOUR **INTERESTS.**
DISCOVER
YOUR **FUTURE.**
CREATE
YOUR **CAREER.**

2026 DSBN REGIONAL **CARPENTRY TEAM** **SKILLS CHALLENGE SECONDARY LEVEL SCOPE**

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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: **Tuesday, March 10 & Wednesday, March 11, 2026**

Time: 8:00AM (Arrival & Setup) to 3:00PM (Clean-up & Judging)

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

ENTRY: Students must register online using the DSBN registration form 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**.
- It is mandatory for all competitors to wear CSA approved **HARD HAT**
- 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, shorts, or gloves at any point in the competition

EQUIPMENT, MATERIALS, TOOLS, AND SUPPLIES:

Equipment Supplied by DSBN Tech and Castle Building Centre:

- All lumber required to complete the project (delivered to Skills Challenge)
- All consumables (hardware/wood screws)

Equipment Supplied by the Competitor:

- **All portable power tools must be provided by the school**
- **No corded tools are permitted**
- **Please ensure all batteries are charged and labelled with the school prior to attending**
- **All safety equipment necessary (Safety glasses, Footwear and Hard Hats)**

<ul style="list-style-type: none">- You can bring any cordless tools the students are comfortable using.Recommended Tools:<ul style="list-style-type: none">- 2 circular saws- Jig Saw and/or Oscillating Tool- Impact Drivers and Drills- ***BROOM, DUST PANS & GARBAGE CONTAINER***- Sawhorses and/or work tables- Ratchets and/or Wrenches- Assorted Twist Drill Bits- Assorted Countersink Bits	<ul style="list-style-type: none">- Wood Chisel(s)- Carpenter's Belt- #2 Red Robertson Screwdrivers (optional)- Carpenter's Hammer(s)- Framing Square,- Speed Square(s)- Combination Square- Straight Edge- Imperial Measuring Tape(s)- Pencils
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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, CSA Footwear and Hard Hat Required at “ALL TIMES”.**

PROJECT AND COMPETITION EXPECTATIONS:

- To be disclosed on **Thursday, February 12, 2026**

JUDGING CRITERIA:

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

Criteria	Marks	Comments
Bench Base Assembly	Base Sizes	/10
	Hardware Placement	/5
	Fit of Base Notches	/10
Bench Framing	Bench Framing and Arm Rest Dimensions	/15
	Fit of Seat Framing Notches	/10
	Back/Arm Rest Neatness	/5
Bench Boards	Bench Board Overall Dimensions	/5
	Bench Board are symmetrical and have proper spacing	/5
	Fit of Bench Board Notches	/5
General	Fastener Placement and Screws Flush to Surface	/5
	Overall Aesthetic	/5
	Safety	/10

	Clean Workspace	/10	
Overall		/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 blueprints and the evaluation **three (3) weeks** prior to the day of the challenge.

ENTRY:

- Students must be registered online prior to the **Deadline** 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 on the day of the Carpentry Challenge.

TEACHER'S ROLE:

- Instructors are expected to acquaint their student participants with all of the enclosed guidelines.
- **Ensure all participants are familiar with all safety rules that are tools specific as well as workplace safety.**
- **Teachers/mentors or may not communicate with their teams during the build. Any questions from students should be directed to the Competition Chair.**

****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
11:30-12:00 ***** 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