
**DSBN REGIONAL CARPENTRY INDIVIDUAL SKILLS CHALLENGE 2021
SECONDARY LEVEL SCOPE**

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PURPOSE OF THE CONTEST:

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

EVENT DETAILS:

Date(s): Monday, March 1st thru Friday March 12th, 2021
Time: Competitors will compete during Regular School Hours.
Location: DSBN Secondary Schools Construction Shops

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 the DSBN Tech Department and Rona:

- All lumber required to complete the project (delivered to your shops)
- All consumables (hardware/wood screws) to complete the project.

Equipment Supplied by the Competitor:

- Carpenter’s Belt
- Cordless (and/or Corded) Drills, Drivers and Circular Saws (Chargers)
- Impact Drivers (#2 Red Robertson Bits)
- #2 Red Robertson Screwdrivers (optional)
- Measuring Tape(s)
- Pencils
- Assorted Countersink Bits
- Carpenter’s Hammer(s)
- Framing Square
- Speed Square(s)
- Combination Square
- Level(s)
- Assorted Twist Drill Bits
- Wood Chisel(s)
- Ratchet Set
- Chalk Line
- Workbench/Table/Work Horses
- POWER BAR for Cordless Battery Chargers
- 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.
- CSA Approved safety footwear required.
- Any added PPE as per safety policies.

PROJECT AND COMPETITION EXPECTATIONS:

- To be disclosed on **Monday February 22nd**

JUDGING CRITERIA:

Judging will be completed with the assistance of the contest supervisor and will include measurements, photos, and video.

The trade skill component of this challenge is worth approximately **75%** 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 one (1) week prior to the day of the challenge. At the provincial level, students will be expected to be prepared with a resume and must complete a job interview component.

ENTRY: Students must register online at <http://teched.dsbnet.org/skills> 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.
- **PLEASE adhere to School Bus Schedules**

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 the 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:

******* *PLEASE adhere to School Bus Schedule* *******

- **30 Minute Set-up prior to Start of Competition**
- **Start of School Day - Competition Begins**
******* Lunch Provided (Determined as per Instructor) *******
- **End of School Day - Clean up**
- **Final Judging to be Determined**