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**DSBN REGIONAL CARPENTRY TEAM (TEAM OF 2)  
SKILLS CHALLENGE 2019  
SECONDARY LEVEL SCOPE**

**CHAIR: Paul Grummett**

**A.N. Myer Secondary School**

**905 358 5753 X-81502**

**[paul.grummett@dsbn.org](mailto:paul.grummett@dsbn.org)**

**Co CHAIR: Tom Bernardi**

**Thorold Secondary School**

**905 227 1188 X-85370**

**[tom.bernardi@dsbn.org](mailto:tom.bernardi@dsbn.org)**

**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: Wednesday, March 6th, 2019**

**Time: Competitors are to arrive at 8:00 a.m**

**Location: Market Square, St. Catharine's, ON**

**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’s Coordinator(s):**

- All lumber required to complete the project - GARDEN PERGOLA
- All consumables (hardware/wood screws) to complete the project.

### **Equipment Supplied by the Competitor:**

- Carpenter’s Belt
- Circular Saw (2) - 2 will be required for build (corded)
- Jig Saw (1) - will be required for build
- Extension Cord(s) - 2 will be required for build (Power Bar)
- Hand Saw(s)
- Cordless (and/or Corded) Drills
- Impact Drivers (#2 Red Robertson Bits)
- #2 Red Robertson Screwdrivers (optional)
- Measuring Tape(s)
- Pencils
- Adjustable Bar Clamps
- Carpenter’s Hammer(s)
- Framing Square
- Speed Square(s)
- Assorted Twist Drill Bits ( $\frac{3}{8}$ ” Long Shank)
- Wood Chisel(s)
- Ratchet Set
- Chalk Line
- Workbench/Table/Work Horses
- 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, March the 4th/19"**

### **JUDGING CRITERIA:**

- Judging will be conducted by specialists in Carpentry and Niagara College representatives for the competition.
- 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 blueprints and the evaluation 2 days 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.

### **JOB INTERVIEW COMPONENT:**

- All students should be prepared with a resume, an interview workshop will be held for gold medalists moving on to provincial competitions.

**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 St. Catharines Market Square 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 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"
- Teacher and competitors are responsible for the removal of the project at the end of the Carpentry Challenge.

**COMPETITION AGENDA:**

<b>8:00 a.m.</b>	<b>Arrival at Contest Site</b>
<b>8:30 a.m</b>	<b>Opening Ceremonies</b>
<b>8:45- 9:00 a.m</b>	<b>Competition begins</b>
<b>11:30 a. m</b>	<b>***** Lunch (will be provided) *****</b>
<b>2:45 p.m</b>	<b>Clean up</b>
<b>3:00 p.m</b>	<b>Competition ends, Final Judging and closing remarks</b>

**\*\* Competitors must be on time for their contest and may be disqualified if they do not sign-in at their contest site prior to the start of orientation. At the discretion of the technical committee chair, the competitor may be permitted to compete but would not receive any additional time. Each competitor will be given a number by their coordinator upon registration at the location and will be judged anonymously during the competition.**