



DSBN SKILLS 2024 - **JOB SKILL DEMONSTRATION** SECONDARY LEVEL SCOPE

CHAIR:	Sandra MacKenzie- Greater Fort Erie Secondary School sandra.mackenzie@dsbn.org 905-380-4832
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PURPOSE OF THE CONTEST: To evaluate each competitor’s ability to demonstrate and explain an entry-level skill used in the occupational area for which they are training (e.g., How to design a web page).

Event Details:	Date:	Wednesday February 28, 2024
	Time:	By scheduled appointment (30-minute time slots)
	Location:	Niagara College, Niagara-on-the-Lake Campus - RM HT109
	Length of Time	Each student will be given 30 minutes for Job Demonstration

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

Contest Capacity: 10

The skill presented must reflect a technical contest area that is a component of the Skills Canada–Ontario Competitions. See list below:

2D Character Animation 3D Character Animation Aesthetics Aircraft Maintenance Architectural CADD Automation and Control Automotive Service Auto Body Repair Baking Brick Masonry Cabinet Making CNC Machining Carpentry Cooking Electronics	Industrial Maintenance IT – Software Applications Landscape Gardening Manufacturing Team Challenge Mechanical CADD Mechatronics Plumbing Precision Machining Prepared Speech Principles of Technology Refrigeration Restaurant Service Robotics Sheet Metal Work Small Powered Equipment
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Electrical Wiring Floristry Graphic Design Hairstyling Heavy Equipment Mechanic IT – PC and Network Support	TV Video Production Website Development Welding Women’s Apparel Design Worksite Safety
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SKILLS AND KNOWLEDGE TO BE TESTED:

Each competitor has up to **45 minutes** for this demonstration, which includes set-up, demonstration and take down. Visual aids such as props or models may be used to clearly demonstrate the skill.

Time Format:

Set-up - up to 10 minutes.

Demonstration- at least 20 minutes, not more than 30 minutes.

Questions - will have no bearing on the demonstration time.

Take down - up to 5 minutes.

Each competitor should prepare for the Job Skill Demonstration by:

- Preparing a **20-30 minute demonstration** using props, models, and other equipment as applicable.
- **Set up should take no longer than 10 minutes and 5 minutes to take down** all equipment and clear the presentation space.
- Practicing an effective and confident delivery style.
- Organizing the complete demonstration in a logical and well-planned fashion.
- Speaking in a clear and understandable manner while varying the voice to convey enthusiasm.

SAFETY REQUIREMENTS:

Competitors are required to follow all industry safety standards during the competition.

Safety Plans (5%)

Competitors are responsible for ensuring the safety requirements are addressed for their particular demonstration. A safety plan must be submitted for each demonstration at the competition orientation. The provided template found at the end of this scope must be used to prepare this safety plan. **Failure to submit a safety plan will result in the competitors being disqualified.**

EQUIPMENT, MATERIALS, TOOLS, AND SUPPLIES:

Clothing & Safety Equipment:

Competitors must wear DSBN Technology shirts and/or suitable clothing appropriate to the demonstration. Personal protective equipment (PPE) required for the job skill being demonstrated must be worn. Some examples are: the use of safety glasses, antistatic wristbands and steel toed boots. Competitors who do not have the appropriate PPE will not be allowed to continue with their demonstration.

Provided by Committee:

- A room appropriate for conducting a demonstration.
- One 110 volt (15 amps) electrical outlet.
- One power bar.
- One table approximately 0.75 m by 1.5 m.

Provided by Competitor:

Equipment and materials needed for the demonstration.

JUDGING CRITERIA:

Criteria	Earned Points	Possible Points	Comments
Submission of Completed Safety Plan		/5	
Opening: introduces the topic and clearly outlines what will occur in the demonstration		/5	
Demonstration: <ul style="list-style-type: none"> • Logical, step-by-step process • Depth and thoroughness to which the skill is demonstrated • Use of materials and resources 		/40	
Explanation: <ul style="list-style-type: none"> • Clear explanation of each step • Terminology – diction • Body language • Rapport with judges and audience 		/35	
Closing: clean and appropriate ending		/5	
Response to Questions		/10	
Time Penalty		-5 points	
Reading Penalty		-10 points	
TOTAL		/100	

ADDITIONAL INFORMATION:

1. Competitors must prepare their own visual aids (signs, charts, transparencies, slides and diagrams).
2. This contest is an individual demonstration. However, assistants may be used to set-up and dismantle the demonstration or to assist as a model.
3. Judges will ask questions following the demonstration.
4. The demonstration will be at least 15 minutes in length and will not exceed 20 minutes.
5. There will be a penalty for competitors who recite from a prepared script.
6. If a competitor has surpassed the time allotted for any part of the demonstration (Set-up, Demonstration, Dismantling) she/he will be notified by a judge at the time it occurs. Time penalties will be assessed for surpassing the time allotted for any of the three components.

JOB INTERVIEW COMPONENT:

There will be no "job interview" separate from the Job Skill Demonstration, however, a RESUME must be presented to the judging panel at the time of the Demonstration.

TRANSPORTATION:

Students are responsible for their own transportation.

TEACHER'S ROLE:

Instructors are expected to acquaint their student participants with all of the enclosed guidelines. Teachers may accompany their student, sit in on the presentation as an observer, but may not assist the competitors during the challenge including set-up and take-down of equipment.

From the OTSC scope:**Assistance with Set-Up and Dismantling**

"This contest is an individual demonstration. Assistants may be used to set-up and take down the demonstration or to assist as a model."

NOTE: *The "assistant/volunteer" may not be a teacher.*



TECHNOLOGICAL SKILLS CHALLENGES

EXPLORE YOUR INTERESTS.

DISCOVER YOUR FUTURE.

CREATE YOUR CAREER.

District School Board of Niagara Hazard Identification Checklist Job Skills Demonstration

QUESTIONS TO CONSIDER IN YOUR EVENT

When planning your demonstration, it is important that aspects of health and safety be considered in order to ensure a successful competition. Please take time to complete the following and submit at orientation.

Name of Competitor	
Skill to be Demonstrated	

FIRES

■ Will there be potential for fires?

Yes No

If YES, please explain.

■ Will there be ways to minimize the risk?

Yes No

If YES, please explain.

■ Will there be flammable substances used in your competition?

Yes No

If YES, please explain.

■ Will flammable substances be adequately controlled?

Yes No

- Are you planning to carry out hotwork, i.e. welding, grinding etc. in your demonstration?

Yes No

If YES, please explain.

SLIPS & TRIPS

- Does the planned layout of the work area for the demonstration include reducing the potential for slips and trips?

Yes No

- Are there arrangements for cleaning up spillages?

Yes No

- Will the competitor be wearing suitable footwear?

Yes No

PERSONAL PROTECTIVE EQUIPMENT

- Will any activities being undertaken require competitors and judges to wear any protective equipment?

Yes No

If YES, will there be an adequate supply of protective equipment available? Yes No

- Will the personal protective equipment be suitable for competitors and judges (i.e. size, degree of protection)?

Yes No

MANUAL HANDLING

- Will manual handling tasks associated with the demonstration be adequately controlled and within the capabilities of the competitor?

Yes No

HAZARDOUS SUBSTANCES

- Have all hazardous substances within the competition been identified?

Yes No

- Will suitable control measures be in place for the hazardous substances and proper handling of them?

Yes No

- Will there be suitable storage and disposal arrangements for the hazardous substances?

Yes

No

OTHER

Will your demonstration include the following:

■ Electrical equipment and/or power supply?

Yes

No

■ Overhead hazards?

Yes

No

■ Airborne contaminants? (i.e. dust, molds, vapours, fumes etc.)

Yes

No

If you answered YES to any of the above, please explain what is planned to eliminate or reduce the risk.

What other health and sanitation guidelines need to be followed for your demonstration?

Please submit this form at the competition orientation.

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