



CORE MODULE

Activity Plans

SKILLEDTRADES^{BC}

Core Module

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Safety

Section Overview

Safe work practices are taught in shop classes and are implicit in all the Youth Explore Trades Skills modules. The goal is to teach a foundation of safety in school, so safety will become second nature on the worksite, wherever students may work.

This section provides teachers with activities, handouts, and resources on a variety of topics, including employee rights and responsibilities, safety in the workshop and general shop environments. They should be used to supplement existing safety instruction in the classroom to reinforce that safe working practices apply everywhere.

Note: Preview some of the resources linked in this Core module before using in the classroom, as they may contain language not suitable for all grade levels.



Activities

- [Safety Toolbox Talk](#)
- [Toolbox Talks – BC Construction Safety Alliance](#)
- Safety Poster: Have students make a safety poster that describes a tool or safety situation in the classroom (e.g., science lab, technology education class, metalwork or woodwork class). The poster should contain safety protocols, safety steps to set a machine, labels machine parts, and be approved by the instructor/teacher before the final draft is printed or handed in.
- Acting /video: students act out a safety scene or scenario. “Safety supervisor” could explain safety protocols. They could present it to the class as a drama skit or as a video (once approved by the teacher).
- Design a Safety PowerPoint or Prezi. Depending on the student this could be presented to the class with the option of peer feedback, or just viewed by the teacher.
- Watch and review a safety video as a whole class. Discuss and answer questions. Collect sheets at the end for formative assessment. (This could be any number of videos to review based on the course hours.)
- Flipped classroom. Assign videos to be viewed at home and then review as a class (15 minutes). Students should be prepared to answer safety questions based on the video.
- Refuse Unsafe Work. Watch the Matthew Bowcott Story video, and then have students write a 250-word paragraph on why you would want to refuse unsafe work. Provide examples and details on how you would proceed in a work-related situation to do this.
- Invite a safety supervisor to the class to discuss the importance of safety on the work site.

WorkSafe BC

- Present one of the [6-minute safety talks](#) at the beginning of each class on electricity, eye injuries, handling and lifting, noise exposure, power tool safety, or worker rights and responsibilities.
- Have your class take part in the [WorkSafe BC student safety video contest](#).
- Have students complete [WorkSafe BC – Safety Rights and Responsibilities](#): a self-paced, interactive resource to learn more about their health and safety rights and responsibilities.

As a class, complete the activities in [Lost Youth Discussion Guide](#) before and after viewing the video [Lost Youth](#) (17:44), in which four youth speak out about suffering serious workplace accidents.

Resources

Teacher Resources

[Trades Access Common Core](#)

Search Line A for a variety of safety topics.

[Occupational Health and Safety Tool Kit for Schools](#)

[WorkSafeBC – Culture of Safety](#)

The information on building a culture of safety in the workplace can also be applied in the classroom.

[WorkSafeBC Workplace Safety – Teacher Guide](#)

This includes activities and information for teachers around student workplace safety.

[Heads Up for Safety](#) (A Safety Handbook for Technology Education Teachers):

This is a comprehensive teacher workbook that includes safety strategies for the classroom, case studies, instructional material, and additional resources.

[WorkSafeBC – Student safety video contest](#)

Student-produced videos (two minutes) highlight many safety issues in the shop class.

Student Resources

[WorkSafe BC – Student Resources](#)

A resource for students to research issues around workplace health and safety.

[WorkSafe BC – Safety Rights and Responsibilities](#)

This is a self-paced interactive resource that helps workers, supervisors, and employers learn more about their health and safety rights and responsibilities.

[WorkSafe BC – Listen to Your Gut](#)

This site provides tips for improving health and safety on the job.

Videos: Injured Youth

[The Matthew Bowcott Story](#) (7:28)

Matthew was just 19 when he was badly injured in a restaurant kitchen. His personal story is a testament to every worker's right to know the hazards, to speak up about safety concerns, and to refuse unsafe work.

[Lost Youth](#) (17:44)

Four youth speak out about suffering serious workplace accidents.

Food Industry

[Workplace Safety in the Food Service Industry](#)

BC Campus Open Textbook developed this resource to support training of students and apprentices in BC's food and hospitality industry.

[Foundations of Workplace Safety](#)

This three-hour safety course is a certification intended for individuals who are new to the workplace.

Careers

Section Overview

Careers are covered in most of the Youth Explore Trades Skills Modules. This section includes an activity plan as well as additional resources for teachers and students.

The section activity allows students the opportunity to delve into a career search in a creative way by making an infographic that includes career information such as high school prerequisites, post-secondary education or apprenticeship, and labour market information.



Activity Plan

- Activity Plan: [Career Search Infographic](#)

Resources

Posters/Handouts

Careers in Construction – [Q & A for parents](#)

[Career in Trades](#)

[Career in Trades videos](#)

[Career Zones](#)

[Career Trek](#)

[Discover Skills BC](#)

[go2HR Career Explorer](#)

[SkilledTradesBC Explore the Trades](#)

[SkilledTradesBC Youth Apprenticeship](#)

[Red Seal Program](#)

[Skills Canada BC](#)

[Skills Trades Employment Program](#)

[WorkBC](#)

[WorkBC Trades Training](#)

Transferable Skills

Section Overview

The Conference Board of Canada has identified essential or transferable skills that students need for work, learning, and life.

These transferable skills include:

- Reading
- Writing
- Numeracy
- Oral communication
- Thinking
- Digital technology
- Working with others

Many transferable skills are embedded into the Youth Explore Trades Skills modules. This section will provide activities on “soft skills” such as basic communication and customer service.



Activity Plans

- Activity Plan: [Communication](#)
- Activity Plan: [Customer Service Role Play](#)

Resources

Videos

[In the hardware store](#)

[Texting on the job](#)

[Customer Expectations](#)

[Responding to questions using active listening](#)

Handouts

[Best Practices for Email Communication](#)

[Best Practices for Text Messaging and Chat](#)

[Effective Listening Skills – Top 10 Best Practices](#)

[Problem Solving with Customers](#)

[Telephone Communication – Top 10 Best Practices](#)

[Tips to Remember Names](#)

[Voicemail Message Tips](#)

Websites

[Conference Board of Canada – Employability Skills](#)

[go2HR SuperHost™ Customer Service Training](#)

What are essential skills?

[Skills Canada Phone App](#) (Android) – Find out what your Essential Skills can do. (iTunes for iOS devices)

Training Programs and Certificates

Section Overview

There are many training programs and industry-specific certificates students can take in high school that will prepare them for employment directly out of high school, as well as apprenticeships.

In the section activity, students research training or certificate opportunities that are of interest to them. Although not comprehensive, this section also provides a list of trades-related, food industry and technology certifications.



Activity Plan

- Activity Plan: [Research Certificate or Training Programs](#)

Resources

List of Training Programs and Certifications

Note: This is not a comprehensive list, but rather suggestions of types of courses or certificate programs available. Each employment sector has specific certifications.

<p>Core Certifications</p> <p>Learner’s License Driver’s License WHMIS First Aid Level 1 CPR</p> <p>Trades-related Certifications</p> <p>Air Brakes Blueprint Reading Building Information Modelling (BIM) Confined Space Entry Construction 101 CSTS - 09 Electrical Safety Awareness Elevated Platform Training - Scissor Lift Elevated Platform Training - Boom Lift Fall Protection Flag person Forklift Operator H2S ALIVE Ladder Safety Training Lockout / Tag out Medic First Aid National Construction Safety Awareness Occupational First Aid Overhead Crane Operator Powder Actuated Tool Operator Respirator Fit Test Scaffolding Training Spray Safe Traffic Control Transportation of Dangerous Goods</p>	<p>Worksite Specific Training</p> <p>Industrial Scaffold Services Ltd. Mackenzie Pulp Mill Neptune Terminals</p> <p>Food Service and Hospitality Certifications</p> <p>FOODSAFE Level 1 Serving it Right Special Event Server SuperHost Foundations of Workplace Safety</p> <p>Technology Certifications</p> <p>CISCO Certified Network Associate CompTIA- A+ COMPTIA- i-Net+ - Internet and Online Technologies COMPTIA- Linux+ - Fundamental Linux Operating Systems COMPTIA- Network+ - Network Support and Administration COMPTIA- Security+ - Computer and Information Security Microsoft Certified Desktop Support, Technician Microsoft Certified Systems Administrator Microsoft Certified Systems Engineer</p>
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