



Technological Education Matter

- ✓ There is growing need for Technological skills in the workforce
- ✓ Technological Education is part of our Science Curriculum
- ✓ Using tools does have risk
- ✓ This can be easily mitigated with training and preparation

In Ontario, the elementary curriculum emphasizes the importance of integrating technology into the classroom to enhance learning experiences and prepare students for the digital world. By incorporating technological educational programs that align with STEM objectives, students are able to engage in hands-on learning experiences that promote the development of key skills and knowledge in these areas.

The elementary school curriculum is designed to provide students with a well-rounded education that prepares them for success in high school and beyond. As part of this curriculum, students are exposed to a variety of subjects and activities, including hands-on learning experiences in areas such as science, technology, engineering, and mathematics (STEM).



Being safe in class

A technological education setting is a specialized classroom or area in a classroom that is set up for students to develop their knowledge of the safe use of tools while building structures, devices and models. Before any tools or materials are to be used, students must be instructed on and demonstrate an understanding of the routines and safety protocols. Generally this will include:

- ✓ Learning about class safety routines, including clean-up
- ✓ Completion of training activities for all tools
- ✓ Passing a safety test
- ✓ Being prepared for every class by completing a pre-activity routine (e.g., Body Check)
- ✓ Being aware they need to inform an adult of any injuries or broken tools as soon as possible

Note: Passing grade for safety is always 100%



Students Daily Preparation or “Body Check”

Being ready for technological education means that students are dressed accordingly and mentally prepared to be safe for every class. Just like driving a car or working on a construction site, some preparation is required before students even start.

During activities, students will:

- ✓ Put on safety glasses
- ✓ Tie back long hair and bangs
- ✓ Remove necklaces, bracelets, metal rings and large earrings
- ✓ Roll up long sleeves
- ✓ Remove or secure loose clothing
- ✓ Change into closed-toed and closed-heeled shoes
- ✓ Are in control of their body

It is important for families to know that all these steps are meant to reduce the possibility of injury by addressing likely causes.



Parent Guide

Sample Tracking

Student Name: _____ Course/Class: _____

Equipment/Procedure:							
Attended Teacher Safety Instruction and Demonstration (Notes recorded)		Passed Written or Oral Testing		Demonstrated Safe Set-up and Operation to Teacher		Granted Permission by Teacher	
Date of Lesson	Teacher Initial	Date Tested	Teacher Initial	Date of Demo.	Teacher Initial	Date	Teacher Initial

Sample Safety Questions

Check all that apply -- Wear _____ at all times. *

long sleeves

hats

safety glasses

gloves

closed-toed shoes

...

When using any hand tools you must: *

know how and have permission from a teacher to use.

take off your safety glasses so you can see better.

ask a friend to help hold your wood from you.

I understand that if my child, _____ chooses not to follow safety protocols, they will lose the privilege to use tools in class.

Name
Signature
Date