



Empowering Young Women to Explore Careers in Science,
Technology, Engineering and the Trades



This is an opportunity for you to become involved, or get interested in becoming involved, in the Techsploration program.

If this program is the right fit for you, this will likely be one of the most fun, rewarding, and inspiring times of your life (so far)!



The Program

This is an award-winning hands-on, mentor-led program which introduces young women in Grades 9 through 12 to in-demand careers in science, engineering, trades, and technology.

Program participants are encouraged to explore careers they may not have considered otherwise, while also learning the significance of math and science for their future careers.

All costs associated with this program are completely covered, and students and their families do not incur expenses.



The Program

If you become a grade 9 Techsplorer, you will have opportunities to work with a role model, go to a work site, host a school event, and travel to Acadia University in the spring for a Techsploration overnight event.

After that, you are a Techsplorer Alumna and will have opportunities to stay involved with the program throughout high school and in your post-secondary studies.



Techsploration Goes to Work

December - February

Techsploration Career Research Model

- Explore an assigned career
- Complete Safety Course
- Visit your Role Model's worksite
- Interview your Role Model
- Develop a presentation for Techsplorer Event
- Create a report for Techsplorer Event



Techsploration Goes to School

February - March

Share your career research with your peers, as your school team delivers the Techsplorer Event presentation and introduces your Role Model.

Role Models representing other occupations will also be invited to participate.



Techsplorer Spring Event

May 26-27, 2022

- Attend an overnight conference with your school team, along with teams from other schools around the province
- Deliver your 12-15 minute team presentation based on your assigned career and introduce your Role Model
- Watch presentations created by teams from other schools
- Meet role models from a wide variety of underrepresented fields
- Provide your team's written report on your assigned career



Techsploration on YouTube

Techsploration has a YouTube channel!

You can subscribe to this channel, and view lots of programming such as, “Techsploration Goes Live” with host Olivia Harris.

You can also watch the “Power in Possibilities” short videos which highlight many of the careers available to women in Science, Engineering, Technology and the Trades.

www.youtube.com/Techsploration



Techsplorer Alumnae Conference

Young women in grades 10-12 are invited for follow-up activities such as interactive workshops and a round robin session to learn about more career options, while also developing leadership and teamwork skills. They are encouraged to help teachers select the new school team and assist with the program. In grade 12, all participants can also apply for scholarships created especially for Techsploration by our sponsors and volunteers.

Techsplorers who participate in all of the programming from grade 9 through to grade 12 will have had the opportunity to meet over 125 different role models!



The PERKS of being a Techsplorer

- Meet students from other parts of the province
- Lots of prizes!
- Join the Alumnae Mentorship Program
- Excellent addition to your resume
- Develop public speaking skills
- Increased self-esteem and improved confidence
- Career Planning skill development
- Networking opportunities
- Receive scholarships and bursaries for post-secondary education



The Application Process

Step by Step Guide to becoming part of the
School Team



How to Apply:

In order to demonstrate your level of interest and commitment, you must complete one of the following:

OPTION 1 - A one-page essay: Use your imagination to describe why you want to participate

OPTION 2 - A poem focusing on science, engineering, trades, and/or technology

OPTION 3 - Artwork focusing on science, engineering, trades, and/or technology

OPTION 4 - “Book Creator” or “Flipgrid” focusing on science, engineering, trades, and/or technology

Essays must be at least 500 words typed; Poems and essays must be emailed to your Techsploration Teacher.

If you decide to apply . . .

Notify Ms. McLean by Friday, December 10th if you plan to apply!

Submit your Application Package* to Ms. McLean

by

January 7th, 2022.

****Package includes your Application Form and one "Option"***

Late applications will not be accepted

Once you have submitted your application . . .

You must agree to a short interview with the team teacher. This is an opportunity for you to communicate why you would like to be on the school team.

- This interview will take place on Monday, January 10th, 2022
- Your interviewers will be Ms. McLean and 1-2 other teachers with knowledge of the Technology Program, and possibly a couple of Techsploration Alumnae.
- 6-8 students will be selected for the program based on their application submission and interview.
- Students will be notified of the makeup of the school team on Tuesday, January 11th.



If you are selected . . .

- You MUST agree to stay committed to this program throughout the year:
 - attending meetings and practice sessions
 - working as part of a team
 - attending all scheduled events
- Complete WHMIS and OH&S online course
- Parents/Guardians must sign consent Form
- You must be fully vaccinated



Important Dates

Friday, December 10th

- tell Ms. McLean by this date if you plan to submit an application

Friday, January 7th

- Submit your Application package. Late submissions will not be accepted

Monday, January 10th

- Interview

Tuesday, January 11th

- Applicants will be notified of the makeup of this year's school team



Any Questions?