



Visitor Overview

**Take your students on a virtual field trip to explore
Canada's largest youth STEM event!
Public is welcome too!**

OTTAWA [Virtual] 2021

May 19-21



EXPLORE CANADA'S TOP STEM EVENT

CANADA-WIDE SCIENCE FAIR

Youth across Canada are able to take their STEM projects to the next level by participating in STEM fairs. These competitions include local or regional fairs, the Canada-Wide Science Fair (CWSF), and various international opportunities.

The Canada-Wide Science Fair (CWSF) brings together top young scientists in grades 7-12 and their projects, to compete for medals, cash prizes, scholarships and exclusive opportunities. This premier event has been held every year since 1962, and this year it's going virtual.

CWSF STEM EXPO

On the last three days of this weeklong CWSF, Youth Science Canada hosts the country's largest youth (STEM) outreach and promotion event—CWSF STEM Expo.

Canadian Museum of Nature, Telus World of Science - Edmonton, Mining Matters, Science East Science Centre, Canadian Association of Physicists, Cenovus Energy, NSERC, Intact Financial Corporation, Best Buy, 20 post-secondary institutions and many other STEM leaders will be featured.

VISIT INTERACTIVE AND INSPIRING EXHIBITS

Virtual CWSF STEM Expo 2021 is **FREE** for visitors from May 19-21.

STEM Expo is designed for visiting students, teachers (grades 5-12), and the public to explore interactive STEM exhibits along with the top STEM projects by grade 7-12 students from across Canada.

Explore virtual interactive STEM exhibits from post-secondary institutions, agencies, companies, museums and other youth STEM related organizations.

Visitors can engage with STEM leaders and amazing CWSF finalists. As you explore, you can leave comments. Booths will have activities and chances to win prizes.



WATCH CWSF-TV

CWSF TV will feature inspiring STEM content that will run for 3 hours each day and then repeat. The clips on CWSF TV will range from 2 minutes to 15 minutes in length and will include content on the following 4 themes: hands-on science, science in action, our regions and our alumni. Content samples include:

- Interview with Canadian Space Agency astronaut Dr. Robert Thirsk, Canadian engineer and physician
- Science in the Kitchen: explore fun ways that science plays a role in the kitchen
- A Capella Science! An educational and utterly nerdy musical learning experience created by former physics researcher and lifelong harmony addict, Tim Blais. Drawing inspiration from Weird Al, Bill Nye, Mike Tompkins and Vi Hart, Tim uses sounds from his mouth, throat and vocal cords to produce the phenomenon that is A Capella Science!
- Videos from STEM partners across the country including the Canadian Museum of Nature, the Telus World of Science in Edmonton and the Canadian Association of Physicists

A detailed CWSF TV Guide will be created so you can plan your viewing.

PLAY OUR ESCAPE ROOM AND SCAVENGER HUNT!

We will have two versions of the Escape Room and Scavenger Hunt every day, one for grade 5 to 8 and one for grade 9 to 12.

To answer the questions provided in the Escape Room or the Scavenger Hunt, students will need to visit STEM Expo virtual booths and CWSF student projects to find the answers.

The answers will be easy to type and include only one or two words (for the escape rooms it will act as a password to move on to the next step in the game). We want students to have a bit of a challenge, but also to enjoy themselves and learn something new.

Escape Room and Scavenger Hunt activities will be bilingual (French and English). The Resource Booklet will have the answers, in case your students need a little help to move to the next step.

Completed activities will be put in a draw for a chance to win a daily prize. Student prizes and a class prize will be awarded.





TEACHER/PARENT RESOURCE

Resource Booklet will be available in early May to all registered visitors and will include:

- How to visit the virtual platform
- Overview of the student project template
- Smarter Science, the framework to teach inquiry-based science in Canada and is a component of the Escape Room and Scavenger Hunt activities. Guidance on how to use this framework will be included.
- Instructions and answers to the Escape Room and Scavenger Hunt activities
- CWSF TV Guide

Teacher/Parent Webinar will be offered early May (three different times zones). It will help you prepare for your visit. This webinar will review the Teacher/Parent Resource Booklet and answer all of your questions!

EVENT DATES!

May 19, 20, & 21, 2021

TEACHERS, PARENTS, HOME EDUCATORS AND MEMBERS OF THE PUBLIC

Register today!

<https://events.eply.com/SchoolVisits2021>

A VIRTUAL STEM IMMERSION EXPERIENCE UNLIKE ANY OTHER!

For more information, please contact:
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