



VIRTUAL CWSF 2021 - A virtual field trip to explore Canada's largest youth STEM event!
May 19-21, 2021

INTRODUCTION

PROJECT ZONE

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. You'll find these remarkable finalists and their projects in PROJECT ZONE.

STEM EXPO

On the last three days of the weeklong CWSF, Youth Science Canada hosts the country's largest youth (STEM) outreach and promotion event—CWSF STEM Expo. Over 60 STEM leaders will provide interactive and inspiring exhibits featuring ideas and opportunities in STEM. Many exhibitors provide STEM activities, games, and offer a chance to win a prize draw.

To review all the exhibitors and their booth descriptions, [click here](#).

This step-by-step guide will provide you with all the information you need to plan your STEM experience.

If you have questions, please contact Becky Geneau at becky.geneau@youthscience.ca.

**Perfect for at home, live and on demand,
this will be a virtual STEM immersion
experience unlike any other!**



STEP 1

REVIEW ALL THE OPPORTUNITIES

1. Scavenger Hunt and Escape Room

- There will be two versions of each activity every day, one for students in grade 5 to 8 and one for students in grade 9 to 12
- Available in both English and French
- To answer the questions provided in the Escape Room or the Scavenger Hunt, students will need to visit finalists' projects in the PROJECT ZONE and the STEM EXPO virtual booths.
- The answers will be easy to type and include only one or two words. For the Escape Room it will act as a password to move on to the next step in the game. Note the words are case sensitive.
- Before moving on, you will also be required to interact with exhibitor content (e.g., leave a comment, like the page, or ask a question).
- If the finalist's project or exhibit booth is of interest, you can "click the bookmark" and return later to explore. (To view your bookmarks, click your profile picture at the top right and then select "My Bookmarks.")
- Completed activities will be put in a draw for a chance to win a daily prize.
- The links to these activities will be sent to you on May 17.
- Each game will take approximately 30 minutes to play.

2. Reflection Sheet

- This activity is appropriate for any age group
- Available in both English and French
- Spend time in the Project Zone. As you explore, you can like and leave comments on your favourite projects. You can also bookmark any project you want to revisit.
- Find an interesting project and answer the questions on the Reflection Sheet.
- The goal of these questions is for students to understand how scientists answer questions using the experimental design process and how engineers use design thinking and the design process to develop solutions to problems or improvements to existing solutions
- Students are encouraged to visit STEM Expo, where they can explore information and activities presented by exhibitors.
- Three Reflection sheets will be provided; do one or all three. [\[download\]](#)
- Each Reflection sheet will take approximately 45 minutes to complete.



STEP 1 (continued)

REVIEW ALL THE OPPORTUNITIES

3. Pollinators

- Pollinators video and corresponding activity is appropriate for elementary students
- Available in English
- Watch the video during the CWSF TV (see below for details)
- Download the activity worksheet here [[download](#)]
- The total activity will take approximately 45 minutes. The video is 20 minutes, which allows you about 25 minutes to complete the worksheet.

4. CWSF-TV

- CWSF TV will play every day (May 19-21) from 12:00 to 3:00 pm and will repeat from 3:00 pm to 6:00 pm EST
- Inspiring STEM content will be featured; some content will be in French
- Segments are from 2 to 20 minutes
- [CWSF TV Guide](#) with a detailed schedule and description.
- On-demand CWSF TV segments will be available, starting Thursday, May 20. New content will be added every day. [Check here](#) for CWSF TV segments.



CWSF-TV TÉLÉ-ESPC



STEP 2

PLAN YOUR VISIT

CWSF is open from May 19 to 21, 2021. Although the official times are 12:00 to 3:00 pm (EST), you can visit anytime over those three days. This is a self-guided tour so you get to explore STEM Expo at your own pace.

New activities are offered every day (new version of Scavenger and Escape Room is available each day) to make learning as meaningful and engaging as possible.

You can come for a few hours, stay for the day, or spend all three days with us.



STEP 3

CREATE AN ACCOUNT WITH PROJECTBOARD

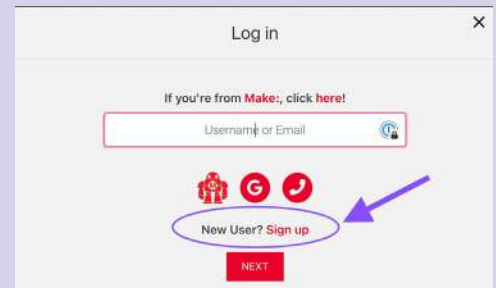
To fully participate in CWSF (play games, leave comments, have a chance to win prizes, etc.) every visitor must create an account with ProjectBoard, our virtual platform.

It's free and easy!

- **Students 13 and over:** You may create an account and participate in the activities using your own account.
- **Students under 13:** You require a parent to create an account for you.

Create your account anytime between now and the end of the event.

1. <https://projectboard.world/ysc>
2. Go to "log in" (top right)
3. New user "Sign-up"
4. What is your reason for registering today? Check: "I want to view projects"
5. Enter your email
6. Username: Do not use your real name or any personal information. You might want to use your city and initials Examples: Toronto_StudentLP, Ottawa_TB
7. Choose a password.
8. Check your e-mail to enter the verification code. Check your spam folder if you can't find it.
9. You will have to create a profile and upload a photo (optional). We recommend a school logo. The brief summary should include your school's name.



That's it – you're done! No need to do anything else.

Anyone can create an account and visit Virtual CWSF.



STEP 4

GET READY FOR A GREAT VIRTUAL EXPERIENCE!

Please visit our [website](#) to get updated links throughout the week including:

1. Link to the platform that will give you access to Virtual CWSF 2021 on May 19
2. Link to the Scavenger Hunt and Escape Room activities
3. Link to the Reflection Sheet
4. Link to the Pollinators worksheet
5. Link to the CWSF TV Guide
6. Links to Thursday's activities on Thursday morning; and Fridays' activities on Friday morning.

From **May 19-21** the link to Virtual CWSF 2021 will bring you to this virtual lobby. Make sure you're signed-in!

From this virtual lobby, you can click:

CWSF-ESPC Main Stage to watch CWSF TV and the Awards Ceremony

PROJECT ZONE to visit finalists' projects

STEM Expo to explore exhibit booths

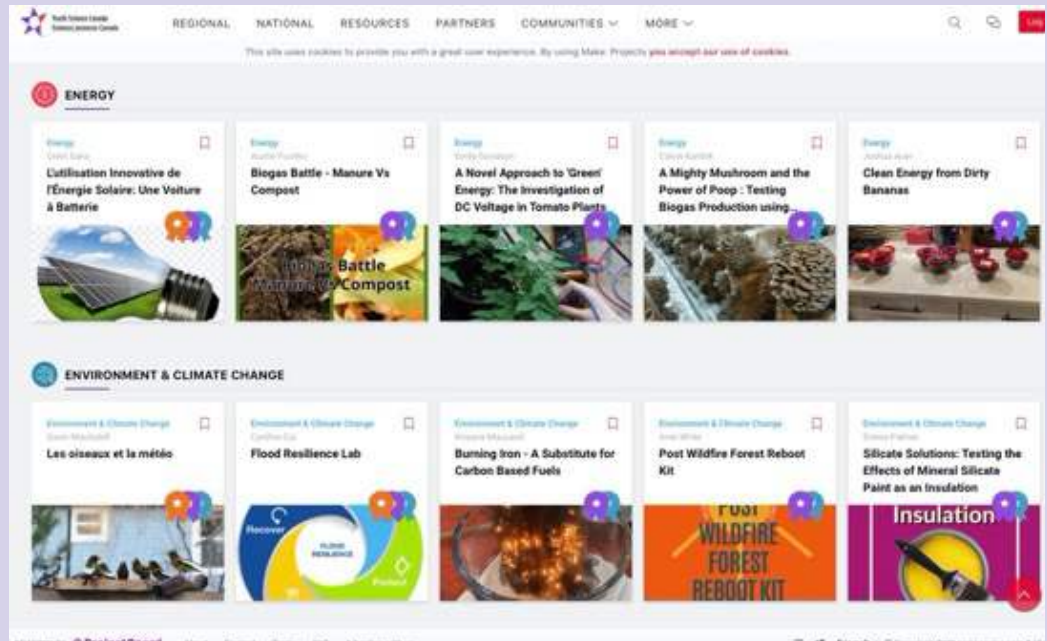




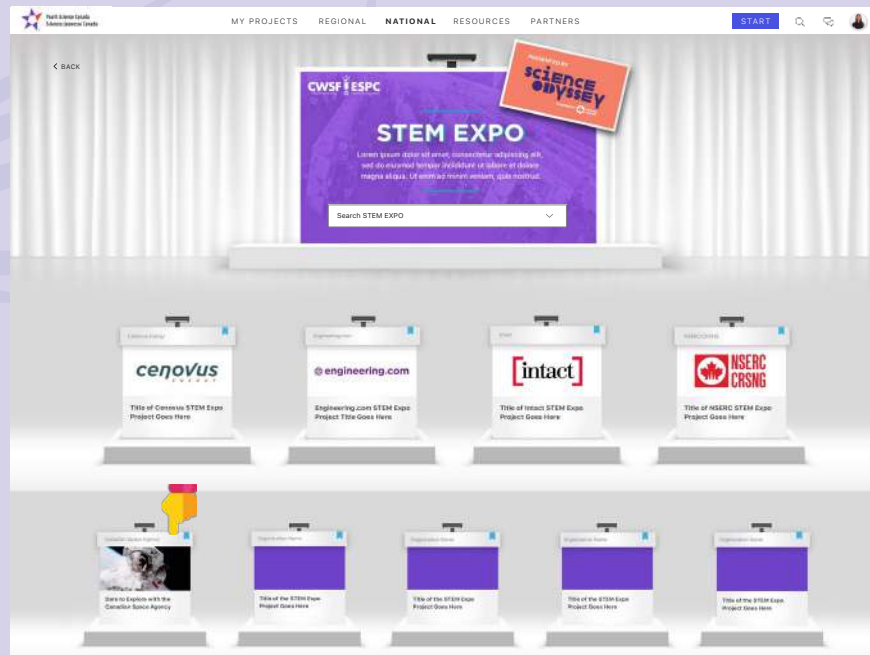
STEP 4 (continued)

GET READY FOR A GREAT VIRTUAL EXPERIENCE!

To explore finalists' projects, click PROJECT ZONE from the main lobby, it will bring you here where you can explore by Challenge, by region, etc.



When you select STEM EXPO, you will be taken to the Exhibit Floor where you can scroll down to view the participating exhibitors or search by company name.

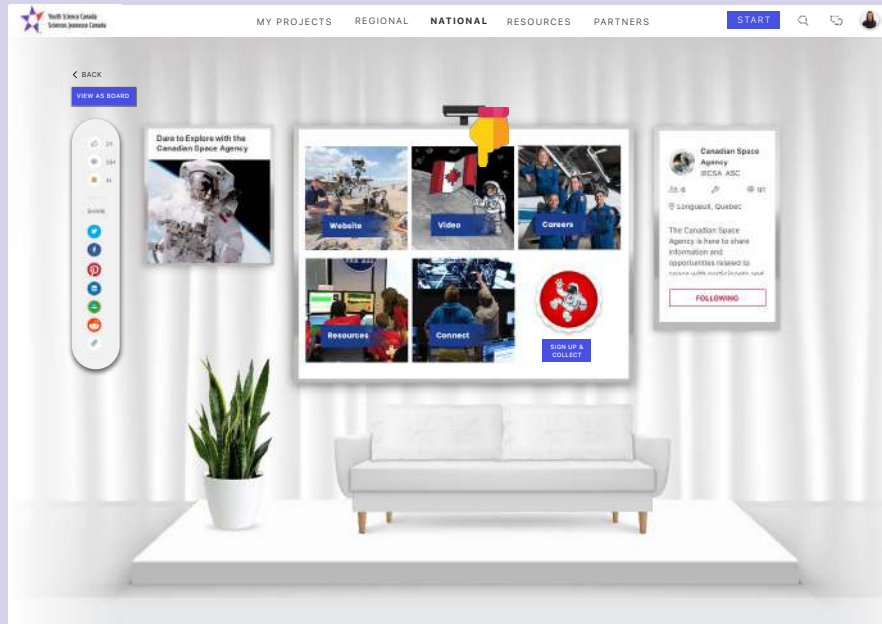




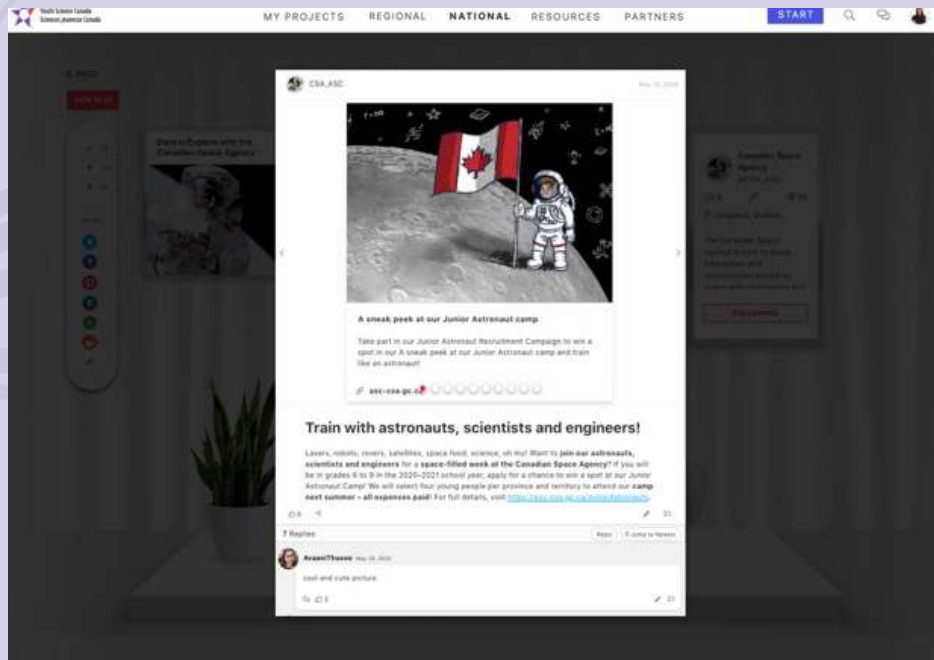
STEP 4 (continued)

GET READY FOR A GREAT VIRTUAL EXPERIENCE!

Once you click on an exhibit, you will be brought to the booth.



Click on a label and you will be brought to that section.



You can “like” and leave comments/questions and exhibitors can reply. You also can collect the exhibitor pin and sign-up for prizes and/or additional information.



Q&A

Q&A

1. How many visitors do you expect?

Virtual CWSF is a pilot project, so the simple answer is “we don’t know.” However, based on the enthusiastic response we have received from across Canada, we expect to welcome 35,000 visitors.

2. Who is the audience?

- The majority of the visitors will be students and teachers from grades 5-12 from across Canada
- CWSF finalists (students from grade 7-12 across Canada who created a STEM project and are in competition for prizes and awards)
- Teachers, parents, chaperones and family members of CWSF finalists

3. How will I engage and interact with the exhibit booths and finalist projects?

- Many STEM Expo booths will have engaging fun activities. You can “bookmark” your favourites and plan to visit them again on another day.
- Many STEM Expo booths offer prizes and additional info – some are for teachers; others are for youth. Explore the booths to find the details and then sign-up as appropriate. Note that you will have to provide your contact information, including name and email.
- Like Facebook, visitors can “like” and leave a comment or question on STEM Expo booth and finalists projects. Show your enthusiasm by using the chat platform, exhibitors and finalists will appreciate your interest and attention.

4. Can I visit anytime?

YES, you can visit anytime but note that exhibitors may only monitor the chat platform during the official visiting days/times (May 19-21 from 12:00 to 3:00 EST).

5. How does the platform handle French/bilingual exhibits?

All exhibits, English and French, are visible from the French side or the English side.

6. Can parents visit with their children?

Absolutely! Feel free to share this information. They can create their own account in ProjectBoard and explore Virtual CWSF with their children as an evening activity. In fact, everyone and anyone is welcome!

7. Can I watch the Canada-Wide Science Fair Awards Ceremony?

YES, the awards ceremony will take place Thursday from 6:00pm to 8:00pm EST. You can view it from the CWSF Main Stage.



Q&A (continued)

Q&A

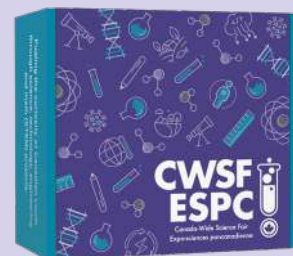
8. Can I follow CWSF via social media?

YES! Follow us:

- Instagram/facebook - @ysc.sjc
- Twitter - @ysc_sjc
- #CWSF #ESPC

9. How many times can I play the Scavenger Hunt and Escape Room? And what kind of prizes will be awarded?

- There is no limit; play Scavenger Hunt and Escape Room games as often as you want. Each day there is will be a new version to play.
- Each province and territory will be awarded two student prizes each day: one for grades 5-8 and one for grades 9-12:
 - Each student prize consists of **CWSF promotional items**, including Mask, Water Bottle, Custom Ottawa Chocolate, YSC Pin, CWSF Pin, Purple Sharpie, Drawstring Bag, Stress reliever, Phone wallet, Reusable straw, T-Shirt, Lanyard - all packaged in this beautiful CWSF- ESPC box!



All winners will be notified after the Virtual CWSF!