

Guide to STEAM EXPO 2019

On **Tuesday, March 19th, 2019**

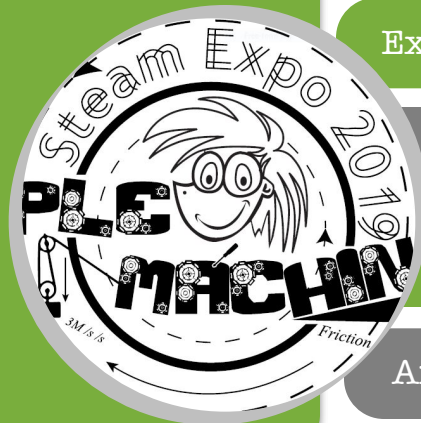
Anglophone West School District will host STEAM Expo 2019 at the Hazen Park Centre, Oromocto, NB. We are excited to continue the incorporation of the ARTS in our expo. Often, when students create a STEAM expo project they have data and findings that they would like to convey to their audience. Why not consider using a dynamic, engaging and artistic representation of those findings in your project?

Read further for more information on this exciting event.



2019 Themed Focus SIMPLE MACHINES

When you really stop and think about it, SIMPLE MACHINES aren't always that simple. These machines rely heavily on mathematics and technology, especially in the 21st century. At STEAM Expo 2019 we would like to highlight the areas of science, technology, engineering, arts and mathematics that are essential to creating innovative simple machines to address the issues of everyday life.



Keep reading
for more info!

I am in grades K - 4

I am in grades 5 - 12

Exploration Stations (K-5)

Let's Talk Science (6-12)

STEAM Mystery Challenge

After STEAM Expo

WOW



I am in Grades K - 4

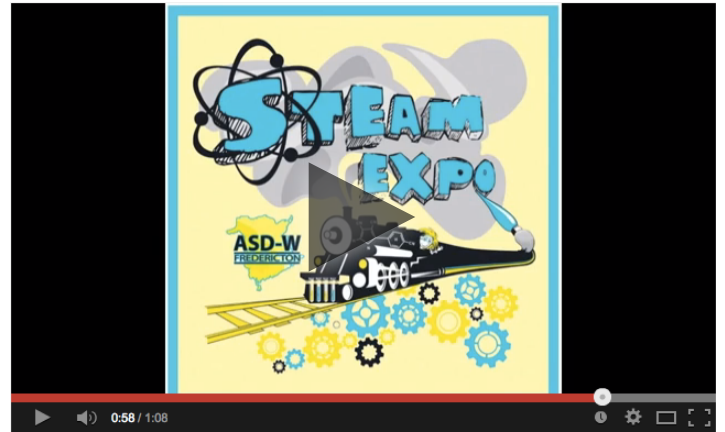
Everything you need to know to attend STEAM Expo

We encourage all students in kindergarten through grade 4 to join us at STEAM for a **non-competitive** day that promotes hands-on learning in science, technology, engineering, arts and mathematics.

Elementary students get to proudly display their projects for other students, teachers, parents and community members. Then, it is off for a fun filled day of discovery!

K-4 students spend most of the morning rotating through exciting **Exploration Stations**. These stations will ignite students' passion for science, technology, engineering, arts and mathematics as they learn in an engaged environment that is fun and grade appropriate.

All K-4 students will receive a t-shirt, medal, certificate, and an opportunity to explore middle and high school projects. Students who participate in STEAM Expo 2018 will be eager to return year after year to engage in all that STEAM Expo has to offer.



[Here's a great video to summarize STEAM Expo](#)

Tentative Event Schedule

| Time | Event |
|--------------|--------------------------------------|
| 10:30 | Arrive and Set-up in Gym |
| 11:30 - 1:00 | Exploration Stations |
| 11:00 - 1:00 | Exhibits and Community Partners Area |
| 1:30 | Public Viewing |
| 3:00 | Dismantle Projects |
| 3:30 | Closing Ceremonies |

[**REGISTER NOW**](#)

Where? When?

HAZEN PARK CENTER
994 Onondaga St, Oromocto, NB
March 19th, 2019 @ 10:00am



I am in Grades 5 - 12

Everything you need to know to attend STEAM Expo



[Here's a great video to summarize STEAM Expo](#)

Your Schedule

| Time | Event |
|--------------|----------------------------------|
| 10:00 | Arrive and Set-up in Gym |
| 11:30 - 1:00 | Judging of Projects |
| 11:30 - 1:00 | Exploration Stations |
| 1:00 | Lunch & Mystery Escape Challenge |
| 1:30 | Public Viewing/ Exhibits |
| 3:00 | Dismantle Projects |
| 3:30 | Closing Ceremonies |

[REGISTER NOW](#)

Competitive Involvement!

We continue to make STEAM accessible to all students. Students from grade 5 through 12 are invited to present projects in any field including, science, technology, engineering and mathematics. What we would really like to see is you explain your true scientific and experimental process. The essence of STEAM Expo is to share your passion for science with your peers and experts in the field.

Remember, **we no longer require a written report. Elementary students in grade 5 are included in the competition.**

First, second and third place gift certificates will be awarded to Middle Level (grades 5-8), Intermediate Level (grades 9-10) and the Senior Level (grades 11-12). **Also, honourable mentions in the form of "STEAM Expert" certificates will be awarded.**

Returning this year, grades 5-12 will participate in hands-on learning activities with **Let's Talk Science**. During lunch they will either observe or participate as a team member in the **STEAM Expo Mystery Challenge**. Students also get to view a number of **Exhibitor Booths** that include members from local universities, environmental groups, and science based companies. Find out how

you can continue your life ambition in science, technology, engineering and mathematics.



HAZEN PARK CENTER
994 Onondaga St, Oromocto, NB
March 19th, 2019 @
10:00am

EXPLORATION STATIONS



ESCAPE CHALLENGE

Even more exciting ways to participate in STEAM !

Continuing with our dedication to science celebration, STEAM participants will **be engaged all day!** Eight years ago, we started Exploration Stations with the K-5 students. They responded with tremendous support for this hands-on day of discovery.

On March 19th, **all** students will enjoy a powerful and engaging learning experience either by participating in Exploration Stations or visiting the group of professionals from **Let's Talk Science**.

For the students participating in the competitive side of STEAM, you will be judged in **specific time blocks**, allowing you to experience everything else STEAM has to offer!

Let's Talk Science!

Let's Talk Science is a national, award-winning science outreach program with a local site at UNB



Fredericton. This group inspires science in young learners through developing a community partnership. We are pleased to have Let's Talk Science host some of our activities here at STEAM Expo 2016.

Our **Mystery Challenge** is going to be a surprise, but will challenge you to great heights!!!

No STEAM project entry necessary! Simply sign-up with your friends, and join in on the fun.

CHALLENGE: Your team will be supplied with all materials needed to complete the challenge (which will be announced just prior to the event).

PRIZE: In addition to bragging rights about being the best group of scientists in ASD-W, the winning team will go home with a certificate, and a **memorable prize** acknowledging your great team effort.

How to Enter the Challenge :

- * Visit the STEAM Website at <http://goo.gl/st9oTP> and complete the form by entering your team info as requested.
- * Don't forget to enter the name of your teacher advisor
- * Teamwork skills, creativity and strength in the components of STEAM are your team's greatest assets.
- * Students who participate in the Escape Challenge may also enter a STEAM Project.

REGISTER NOW

AFTER STEAM EXPO : Now where can you go?

NB Regional Science Fair

Award recipients from each grade level at STEAM 2019 will be invited to attend the North-West New Brunswick Science Fair in April at the Richard J Currie Centre, UNB Fredericton.

This Science Fair will include projects from grades 6 - 12 and from schools within the greater Fredericton Area. For More information [follow this link.](#)



HOW
EVERYONE WINS
AT STEAM

Everyone who participates at STEAM Expo will go home with :

Canada Wide Science Fair

The **2019** edition of the Canada Wide Science Fair will be held in FREDERICTON, NB.



Participation Certificate

This exciting science competition hosts hundreds of projects from across the country. Students advancing to this level of competition travel for one week to Montréal for what is an amazing, science related experience. The CWSF will be held in Fredericton during the week of May 15-17, 2019. For more information [follow this link.](#)

Official STEAM Expo T-Shirt

GRAND PRIZES

We would like to thank Brilliant Labs for their continued support for our STEAM Expo.



Again this year, they have graciously donated prizes to be awarded to select projects from our competitive event.