

Newsletter



**Centres of
Excellence**
PARTNERS IN EDUCATION

CENTERS OF EXCELLENCE - CONNECTING WITH TEACHERS AND STUDENTS

The Centres of Excellence team have been excited this month to connect our partners with teachers and students, through a variety of curriculum-connected learning activities and opportunities. Some highlights are included below.

We are also excited to announce that new websites for the Centres of Excellence for Health and Entrepreneurship have launched! Visit the sites regularly, as we continue to grow and upload content that includes: learning activities for classrooms, opportunities for teachers and students, and speaker series videos. Reach out for support with any of the resources posted, to provide feedback to the team, or to collaborate (coe@gnb.ca).



Left: Students from Liverpool Elementary learning about the changing seasons, birds and food sources, and animal tracking with Ducks Unlimited, NB Parks, the Experiential Learning Coordinator for ASD-W, and the COE for Health

Top Right: Students at Fredericton High School in the Essential Skills Achievement Pathway working on the Engineering Technology & Aircraft Maintenance Technology Skills for Success Kit!

Bottom Right: Educators from Science East and EECD visited the Point Lepreau Nuclear Generating Station in February. Are you interested in touring some of New Brunswick's energy infrastructure? Stay tuned for information about the NB Teacher Energy Tour coming this summer!

HOW TO ENGAGE WITH THE CENTRES OF EXCELLENCE

- > **COE Website** – Includes activities, events, opportunities, career pathways, and speaker series videos.
- > **COE Newsletter** – Sent directly to your inbox the last week of each month. Includes information about upcoming events, announcements, and examples of COEs in action!
- > **Twitter** - [@NBCOE](https://twitter.com/NBCOE)
- > **Connect directly** with a COE Lead for support or to collaborate, sign up for our mailing lists, or email COE@gnb.ca with questions or feedback.



Thank you to Minister Dominic Cardy, Minister Bruce Fitch, and many of our partners for helping to celebrate the official launch of the Centres of Excellence for Health and Entrepreneurship at the NBCC Fredericton campus. Check out the new [COE Health](#) and [COE Entrepreneurship](#) websites today!

CENTRES OF EXCELLENCE - CONNECTING WITH TEACHERS AND STUDENTS

HOW TO ENGAGE WITH THE CENTRES OF EXCELLENCE

CENTRE OF EXCELLENCE FOR ENERGY

CENTRE OF EXCELLENCE FOR HEALTH

CENTRE OF EXCELLENCE FOR ENTREPRENEURSHIP

CONTACT THE COE LEADS

New Brunswick
Nouveau Brunswick

**FUTURE
WABANAKI**



FUTURE NB

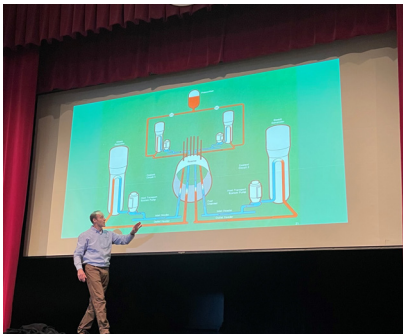
UPCOMING EVENTS

EARTH DAY 2022

April 22nd is Earth Day! The COE for Energy, the Atlantica Centre for Energy, and NB Power are producing a catalogue of resources for teachers to access with their classes. These will include videos, articles, and webinars and will be available to celebrate Earth Day in New Brunswick! Keep an eye on the COE for Energy website!



NUCLEAR ENERGY PRESENTATION TO SCIENCE 10 STUDENTS



Tom Chapman presents a lesson on nuclear energy to approximately 200 Science 10 students at Harbour View High School in Saint John.

CENTRES OF EXCELLENCE FOR ENERGY



SKILLS CANADA NB KITS

Skills Canada New Brunswick strives to be a first point of reference for students of all ages who are interested in learning more about opportunities in Skilled Trades and Technology. They are committed to continuously engaging our audience by connecting them with resources, experiences and contacts that help to provide as much information as possible!

The Skills for Success Kits and STEM Activities seek to bridge the gaps between industry, educators and students. These kits are designed to introduce students to careers in Skilled Trades and Technology, while also highlighting and covering New Brunswick Curriculum Outcomes. At Skills Canada New Brunswick, they introduce students to careers in Skilled Trades and Technology, and these kits seek to achieve that goal in an educational and interactive way.

SCNB ships necessary materials and provides a printout of the activity.

For more information about available kits through SCNB visit their STEM & Skills for Success resource page.

Interested in learning more about the kits? Get in touch with us at coe@gnb.ca and we'll connect you with the Skills Canada team.

COE ENERGY CLASSROOM VISIT



COE Energy Lead, Adam Trider, was invited to Forest Glen School in Moncton to issue a Wind Energy Challenge to Miss Hetherington's grade 4 class. They discussed energy, how it's formed and then designed blades for the mini wind turbine and were challenged to create the greatest amount of electricity!

STUDENT VISIT TO POINT LEPREAU

Students from Caledonia Regional High School won the Nuclear Science Week Contest and claimed their prize this month, by attending an in-person tour of Point Lepreau Nuclear Generating Station!



EV CHARGING STATION CHALLENGE

Want to win a COE Energy prize pack? Take part in our EV Charging Station Challenge! Here's how:

Step 1 – Visit: [The Gaia Project](#) and download the “Electrify Your Ride” resources, then watch the EV video

Step 2 - Create: Design the charging station of the future! Consider the following questions:

- What will it look like?
- How will it function?
- How quickly will it charge?
- What amenities will be there?
- What can drivers and/or families do while the vehicle is charging?

Create a drawing, design or model of your station along with a description of its features.

Step 3: Send your creation or pictures of your creation to the Centre of Excellence for Energy at coe@gnb.ca by April 30th, 2022!



COE Energy Lead, Adam Trider, is introduced to electric vehicles by Geoff MacDonald of The Gaia Project.



CENTRES OF EXCELLENCE FOR ENERGY



Énergie NB Power

PARTNER SPOTLIGHT

The Centre of Excellence for Energy and NB Power have partnered to bring sector-specific expertise and resources to New Brunswick's K-12 students and teachers. Through their collaborative efforts, NB Power and the COE for Energy have generated exciting experiential learning opportunities, such as solar power and wind energy kits for classrooms, coop placements, a virtual Nuclear Science Week, and in-person site visits and tours for both students and teachers. Both organizations will seek to continue to bring awareness of the career possibilities in the energy sector here in New Brunswick and look forward to the continued growth of this valued partnership.

UPCOMING EVENTS

NB PARKS LIVE INTERACTIVE CLASS

APRIL 5, 2022

Do you and your middle or high school students want to learn more about the New Brunswick Provincial Parks? Do you want to have an NB Parks EXPERT teach your class?

The COE for Health is thrilled to partner with Parks NB and the Department of Tourism, Heritage and Culture, to offer a LIVE 45-minute class with Brendan McGuire, a New Brunswick Parks expert!

This interactive live class will introduce students to all the Provincial Parks in the province, share interesting facts and statistics about the parks, and will discuss the plans for making NB Parks the most accessible parks in the WORLD! Come learn about NB's Provincial parks. All participants will have a chance to win some great prizes!

[French Presentation](#) at 10:30 AM

[English Presentation](#) at 1:30 PM

CENTRES OF EXCELLENCE FOR HEALTH



MINDFULNESS WEEKEND

In support of the mental health leadership provided by your school districts, the COE for Health wanted to recognize teachers and staff members who are going above and beyond to promote positive mental health practices in their schools.

The nominated teachers were placed into a random draw and a teacher from each district was chosen to attend a Professional Learning Weekend being offered by Breathing Space Yoga/Yoga in Schools in Moncton on March 26th & 27th (<https://yogainschools.ca/>).

Congratulations to all the teachers who were nominated! It is extremely exciting to hear about all the NB teachers who are practicing mindfulness in their classrooms and making mental fitness a priority for their students.



From left to right: Melanie Kinnie, Erin Jones, Yoga in Schools Co-owner and Teacher, Jenny Kierstead and Jessica Bellis. Missing from the photo is Deidre Underhill who attended the course online.

YOUNG CANADIANS ROUNDTABLE ON HEALTH

Young Canadians Roundtable on Health was created in 2013 in response to the interest generated by the report *Reaching for the Top: A Report by the Advisor on Healthy Children & Youth*.

The YCRH is one of the only national youth-led, youth-run advisory committees that participates in decision-making around child and youth health. They work in partnership with The Sandbox Project, who bring leading individuals and organizations together to ensure that all children in Canada get all the support and care they need to become healthy, active, well-adjusted, and contributing adults in our society.

Join Stacie Smith, Executive Director of YCRH, [Thursday, April 7th from 3:45-4:15pm](#), as she showcases the partnerships, projects, and a summary of strategies they have used to engage Canadian youth regarding health and wellness. Teachers are welcome to attend, ask questions, and hopefully learn more about the YCRH advocacy work happening across the country.



CENTRES OF EXCELLENCE FOR HEALTH

NB PARKS AIMS TO PROVIDE INCLUSIVE AND ACCESSIBLE OUTDOOR EXPERIENCES THAT ENRICH THE VISITORS RECREATIONAL AND EDUCATIONAL NEEDS.

The COE for Health, the Experiential Learning Coordinator for the West, NB Parks, and Ducks Unlimited were thrilled to support a day of experiential learning at mactaquac Provincial Park for Liverpool Street Elementary School students.

The Grade 2-5 students were given the unique opportunity to learn about the changing seasons, birds and food sources, create a bird feeder, take a nature hike and also participate in an animal tracking scavenger hunt lead by Ducks Unlimited. The opportunities targeted the Physical Education learning outcomes but also incorporated Social Studies and the Science learning outcomes.



NB Parks offers a wide variety of educational experiences and are always looking to do something new. They continue to explore projects with teachers across NB that provide students with an opportunity to have hands on experiential learning experiences. Whether it's planting a tree, making a pollinator garden, or producing social media content on the benefits of "No Mow May".

Please reach out to the COE for Health Lead, Daneen.dymond@gnb.ca, if you would coordinate a park experience with your students. Daneen will connect you to the NB Parks' Guest Experience Coordinator near you.



Parcs
Parks NB

[Visit NB Parks](#)

MINDFULNESS LESSONS FOR CLASSROOMS

A classroom mindfulness package has been created in collaboration with Charlene Yetman, a school counsellor in Anglophone South, Kathy Szo, a retired principal from Anglophone West and the Centre of Excellence for Health Lead.

The 8 mindfulness lessons and practices were crafted with care and have been tested in many of our wonderful NB classrooms. We hope the package will help support teachers as they celebrate mental fitness in their classrooms and make mindfulness a priority in NB Schools.

Check out the 8 Mindfulness lessons and Resource Kit on the [NEW Centre of Excellence for Health Website](#).



UPCOMING EVENTS

PROVINCIAL PITCH COMPETITION

APRIL 13, 2022

High School teachers are invited to a webinar/orientation by the COE-Entrepreneurship Lead, Ries VanBeek, about the Provincial Pitch Competition which will be taking place in early May. The webinar will be on Wednesday, April 13th from 3:30 to 4:00 and will provide resources and collect feedback for use at the competition.

[Join the Pitch Competition Orientation.](#)

IDEA MARKET RESOURCE KIT

APRIL 20, 2022

Middle school teachers are invited to a webinar by the COE-Entrepreneurship Lead, Ries VanBeek, to tour and share the new IDEA Market Kit resource. The session will take place on Wednesday, April 20th from 3:15 to 3:45. Teachers are invited to ask questions and kick the tires of a terrific and new free resource for Entrepreneurial instruction.

[Join the IDEA Market Resource Kit Webinar.](#)

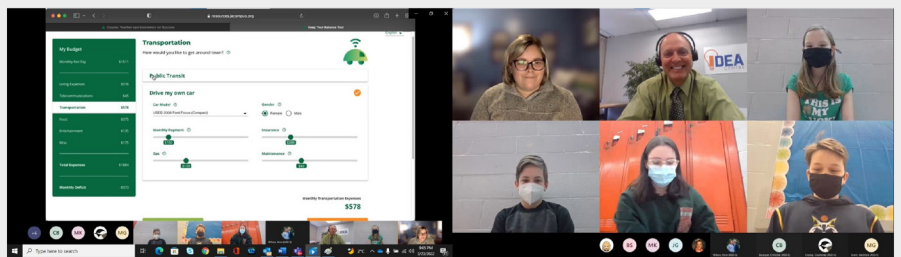
CENTRES OF EXCELLENCE FOR ENTREPRENEURSHIP



FINANCIAL LITERACY WORKSHOP

On Thursday, March 17th, over 22 classes consisting of more than 500 middle school students participated in a live virtual workshop on planning for your financial life after high school. The COE for Entrepreneurship partnered with Junior Achievement to show students the average costs of basic living after they move out on their own and how to plan for their future.

The first lesson on basic financial literacy can be viewed and shared with students through the COE Entrepreneurship [YouTube Channel.](#)



SUCCESS STORY – ANNA MCNULTY

IDEA Centre Alumni, YouTube super sensation and recent high school graduate, Anna McNulty, returned to teach the new crew of youth entrepreneurs tips on how use social media to share their passions, maximize their impact and reach their audience. A video of her visit is posted to the [COE Entrepreneurship YouTube Channel.](#)



QUESTIONS? CONTACT THE COE LEADS



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