

Newsletter



**Centres of
Excellence**
PARTNERS IN EDUCATION

HELPING STUDENTS BUILD A BRIGHT FUTURE IN NEW BRUNSWICK

With an aging population and a labour market forecast of 120,000 job openings over the next 10 years, the New Brunswick Centres of Excellence (COE) strive to raise career awareness and to show New Brunswick students the endless possibilities that exist to build a future in this province. As teachers in New Brunswick, your impact is profound, as the forecasted 6,600 young people entering the New Brunswick workforce each year and filling these positions are your students!

In addition to supporting career awareness in critical sectors, the learning supports provided by the Centres are designed by teachers with the intention of supporting existing curriculum outcomes and providing opportunities for cross-curricular, practical application of core learning across K-12. Working together to provide real-world applications for learning can increase student engagement, cultivate better informed citizens, and meet our collective goal of helping students build strong futures here in NB.



Students participating in a mapping activity with the COE Energy Lead Adam Trider

The COE model is designed with collaboration in mind. In the coming months, we hope to visit as many schools as possible (virtually or in-person) to discuss the Centres of Excellence model, the learning supports provided, and hear directly from you (the experts) what kinds of opportunities will meet the needs of your students. Please contact coe@gnb.ca to arrange a short presentation at your next staff or team meeting – we'd love to connect with you.



The ICE Centre in Miramichi and The IDEA Centres in Moncton and Saint John were excited to welcome new classes of students to engage in experiential learning at its finest. Students pictured here are settling in on their first day of opportunities to work with industry partners and gain career experience.



The COE for Health Lead, Daneen Dymond, spent the day at Loch Lomond Villa Nursing Home with Shelly Shillington, the Director of Operations, filming a virtual tour of the facilities. The video will help showcase the different employment opportunities in Long Term Care homes and will be shared with students in NB in the near future.

HELPING STUDENTS BUILD A BRIGHT FUTURE IN NEW BRUNSWICK

COE ENERGY

COE HEALTH

COE ENTREPRENEURSHIP

CONTACT THE CENTRE OF EXCELLENCE

New Brunswick
CANADA

FUTURE NB

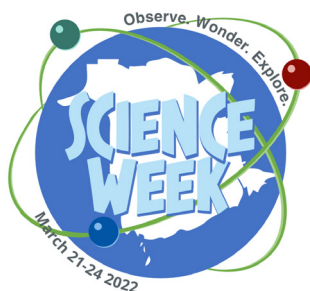
**FUTURE
WABANAKI**

UPCOMING EVENTS

NEW BRUNSWICK SCIENCE WEEK

Back for its second year, NB Science Week 2022 will feature daily keynote speakers, live and recorded science sessions, K-12 STEM Challenges, Virtual District Science/STEM project highlights, and much more! Hosted by the four Anglophone School Districts and in collaboration with NB organizations, the goal of NB Science Week is to bring an awareness and curiosity for science to students and teachers across the province.

Keep an eye on your district email and social media for full details and links to all events or contact your District Science Coordinator for more information.



NBIF INNOVATION CHALLENGE TEASER

Science East and the COE Energy with support from the New Brunswick Innovation Fund (NBIF) are creating an Innovation Challenge that will be announced during NB Science Week. Tune in to Michael Edwards presentation on March 21 for more info!



CENTRES OF EXCELLENCE FOR ENERGY

INTERNATIONAL DAY OF WOMEN AND GIRLS IN SCIENCE: RECAP

The COE Energy and the Atlantica Centre for Energy hosted a series of webinars on Feb 11th in celebration of the International Day of Women and Girls in Science. The United Nations General Assembly declared February 11th as the International Day of Women and Girls in Science (IDWGS) in 2015 to raise global awareness to support women and girls in achieving full and equal access to and the participation in science.

"As a moderator for the webinar, I was excited to celebrate the success of our female workforce across New Brunswick and Canada," said Chloé Burton, Clean-Energy Youth Engagement Officer, Atlantica Centre for Energy. "I believe we were successful in exposing and encouraging more women and girls to pursue opportunities available in science, technology, engineering and mathematics."

Anyone teaching within the STEM fields is encouraged to watch the videos and stimulate discussion to bring awareness to this important mandate. The ten webinar sessions were recorded and can be accessed through the COE Energy Website: [International Day of Women and Girls in Science – recordings and resources | Centre of Excellence for Energy](#).



CLIMATE ACTION RESOURCES: THE GAIA PROJECT

The Gaia Project offers easy access to climate change education as your students return to the classroom. And it's all FREE! Visit [The Gaia Project](#) and select your grade level on the "Teachers" drop down menu to see featured programs and resources!



Elementary (k-5)
Resources



Middle School (6-8)
Resources



High School (9-12)
Resources

UPCOMING EVENTS

5210: A WAY OF LIFE TEACHER PRESENTATION

5210 A Way of Life is a bilingual initiative that promotes healthy behaviours and environments. The simple 5210 message includes: Eating 5 Fruits and Veggies a Day, no more than 2 hours of screen time, 1 hour of physical activity, and 0 sugar-added beverages.

The COE for Health is excited to partner with the 5210 Way of Life Team while they support healthy choices in the community and the NB schools. Please join dietitians, Renee Frenette and Marie-France Losier, from Miramichi, for a 30-minute virtual session overview of the 5210 A Way of Life program on March 29th, 3:45-4:15pm.

The session will review the free school resources you can use with your students and school community. Six separate activities have been created to give teachers practical tools to support a student's healthy lifestyle and the NB Health curricular outcomes.

The session will be offered in English although Renee and Marie-France will be happy to answer any questions in English or French.



CENTRES OF EXCELLENCE FOR HEALTH



MINDFULNESS CHAMPIONS

NOMINATE A COLLEAGUE who is using mindfulness practices at your school!

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

Please send a short description of how your colleague is modeling and promoting mindfulness and positive mental fitness in your school community. Nominations can be sent to the COE for Health Lead at Daneen.dymond@gnb.ca, and will be accepted until March 9th.

With your nomination, your colleague will be placed in a draw for a Professional Learning Weekend being offered by Breathing Space Yoga in Moncton on March 26th & 27th <https://yogainschools.ca/>. The PL weekend will provide additional training for teachers to help their students learn how to deal with these challenging times through evidence-based stress-reduction techniques and self-regulation exercises. This all-levels, holistic weekend workshop addresses mental, emotional, and physical health and well being.

*Please note that one night of accommodation and travel expenses (rental car and per diem for meals) will be also covered.



A CELEBRATION OF WOMEN IN STEM

Did you know that, in 2016, women made up only 34% of STEM bachelor's degree holders and 23% of science and technology workers among Canadians aged 25 to 64? This shortage of representation has negative impacts on the financial well-being of women, but also on the broader innovation continuum, as research shows that greater diversity strengthens performance and our economy. The COE for Health is thrilled to partner with IMPART – Dalhousie Medicine NB Research Team to help celebrate International Women's Day on March 4th, 2022.

Please join the IMPART team in a celebration of women in STEM studies and careers. This two-hour event will take place on March 4th, 2022 from 1:00 to 3:00 pm and will begin with research presentations from some of the incredible women trainees in the IMPART network.

To participate, please register in advance for this webinar.



UPCOMING EVENTS

ECONOMICS FOR SUCCESS: VIRTUAL LESSON ON BUDGETING FOR PERSONAL SUCCESS

Middle school teachers are invited to bring their classes to attend a virtual lesson on budgeting for personal success. The COE for Entrepreneurship lead, Ries Van Beek, and an instructor from Junior Achievement will be presenting "Economics For Success."

Join the Centre of Excellence for Entrepreneurship and Junior Achievement, Thursday, March 17th live on Teams from 10:30 to 11:15 and again from 1:30 – 2:15. Teachers and students are welcome to attend for all, or any portion of the lesson, ask questions and hopefully learn aspects of financial literacy.

[Join the 10:30 - 11:15 AM session](#)

[Join the 1:30 - 2:15 PM session](#)

CENTRES OF EXCELLENCE FOR ENTREPRENEURSHIP



PARTNER SPOTLIGHT: JUNIOR ACHIEVEMENT NEW BRUNSWICK

The Centre of Excellence for Entrepreneurship has partnered with Junior Achievement New Brunswick to help support K-12 students in the areas of Financial Literacy, Workforce Readiness and Entrepreneurship.

The JA Digital Campus (www.jacampus.org) is a state of the art bilingual learning platform featuring both self-directed and teacher-led programs and resources. This partnership has been growing steadily and is a true testament to the benefits of collaboration. In the month of January, Junior Achievement connected with 350 teachers across the province and engaged with 2400 students. We look forward to seeing the continued benefits of this partnership and its positive impact on New Brunswick's education system and its students.



In January, Junior Achievement connected with 350 teachers and 2400 students across the province. Come see what the excitement is about!

IDEA MARKET RESOURCE FOR HIGH SCHOOL AND MIDDLE SCHOOL CLASSROOMS

High school and middle school teachers from across all four Anglophone districts took advantage of the release time available in December and January through the Centre of Excellence to review the new IDEA Market resource. The Centre of Excellence is continuing to share and support the resource for any interested New Brunswick teachers. We are currently working to translate the Middle School IDEA Market Kit, which should be available for Immersion classrooms in the Fall. Please contact [Ries Van Beek](#) for more information, or to access the resource through our Teams page.



QUESTIONS? CONTACT THE COE LEADS



Adam Trider
Centre of Excellence for Energy Lead
ADAM.TRIDER@GNB.CA



Daneen Dymond
Centre of Excellence for Health Lead
DANEEN.DYMOND@GNB.CA



Ries Van Beek
Centre of Excellence for Entrepreneurship Lead
RIES.VANBEEK@NBED.NB.CA

[Visit the Centre of Excellence Website](#)