

# Newsletter



**Centres of  
Excellence**  
PARTNERS IN EDUCATION

## BUILDING A SHARED VISION

The Centres of Excellence are designed to support teacher practice and student learning. The Centre model aims to reimagine how K-12 students learn about New Brunswick career opportunities, increase career readiness by connecting learners with virtual and experiential learning opportunities, and decrease the levels of separation between teachers and experts. It is critical that the resources and opportunities provided are equitable and informed by the needs of the K-12 schools system. As such, feedback from school districts, schools, teachers, and students is essential.

Our **District Advisory Committee** meets monthly and has provided guidance regarding key areas of focus. **Steering Committees** for each Centre have been assembled and will meet monthly to ensure consistent feedback is provided and voices from multiple contexts are included. **These groups include district staff, teachers, representation from partners, and representation from the NBTA.** Input from these committees will be critical in the planning and implementation of Centre activities, resources, and opportunities.

As we move forward, we continue to look at new ways to increase teacher and student voice. **Reach out anytime with feedback or to let us know the kinds of opportunities you and your students would like to see generated through each of the Centres ([coe@gnb.ca](mailto:coe@gnb.ca)).** Together, we hope to build a shared vision that will support your work in building strong futures for NB students. Thank you for everything you do!

## REAL WORLD LABOUR MARKET CHALLENGES: LEARNING OPPORTUNITY

Looking for an opportunity or lesson plan this semester that supports a self-directed classroom? The [Real World Labour Market Challenge](#) is a neatly packaged opportunity for teachers to implement problem-based learning in a virtual or in-person classroom. Supported by the [Canadian Career Development Foundation](#) and the [Government of New Brunswick](#), teachers can take advantage of project funding (\$250 + \$75), ongoing support from industry leaders, professional development modules, a community of practice, and custom-built lesson plans for any high school subject.

These challenges encourage students to ask difficult questions about their important current and future role in the province of New Brunswick, and invites them to step out into their communities to see, hear, and connect with individuals and organizations that make a Real World labour market impact.

Register at <https://realworldchallenges.ca>



Science 10 class from James M. Hill visiting the Lameque Wind Farm with the Centre of Excellence for Energy.

## [BUILDING A SHARED VISION](#)

## [REAL WORLD LABOUR MARKET CHALLENGES: LEARNING OPPORTUNITY](#)

## [CENTRE OF EXCELLENCE FOR ENERGY](#)

## [CENTRE OF EXCELLENCE FOR HEALTH](#)

## [CENTRE OF EXCELLENCE FOR ENTREPRENEURSHIP](#)

## [CONTACT THE COE LEADS](#)



**FUTURE NB**

**FUTURE WABANAKI**

## UPCOMING EVENTS

### INTERNATIONAL DAY OF WOMEN AND GIRLS IN SCIENCE

A significant gender gap has persisted throughout the years at all levels of science, technology, engineering and mathematics (STEM) disciplines all over the world. Even though women have made tremendous progress towards increasing their participation in higher education, they are still under-represented in these fields.

[Please join us, February 11, 2022 from 9:00am - 3:00pm](#) for a day of webinars celebrating women and girls in science in New Brunswick. We will have speakers from NBCC, Science East, NB Power, Moltex Energy, ARC Clean Energy and The Gaia Project.

## MACTAQUAC MINECRAFT BUILDING CHALLENGE

Congratulations to Kelly Davidson from Nackawic Middle School for winning the Mactaquac Minecraft Building Challenge. The design impressed the judges with the details and scale that they used.



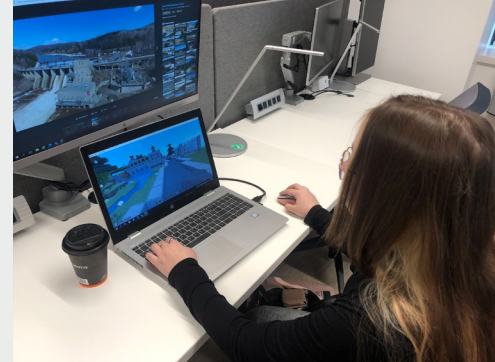
An honourable mention goes out to Connor Arbeau also from Nackawic Middle School. Stay tuned for another Minecraft design challenge later this spring.

## CENTRES OF EXCELLENCE FOR ENERGY



### EDUCATIONAL GAME DESIGN AND CAREER EXPLORATION: A CO-OP PLACEMENT

Olivia is a grade 12 student from Nackawick High School, who is completing a Co-op placement at NB Power in Graphic Design. She is building a very impressive Minecraft environment in the shape of New Brunswick, that includes models of NB generating stations. The resource is designed to be used by NB learners in the future to increase energy literacy and awareness of careers in the energy sector. Great work Olivia!



A model of the Belledune Power Generating station, designed and created by Olivia, in Minecraft. Visitors to the realm will be able to take a virtual tour of the facility.

### CO-OP: EXPERIENTIAL LEARNING WITH AN IMPACT

This placement gave me the opportunity to explore what is possible as a career. A big part of why I never attempted to pursue video game design, even though it was something I was interested in, was because I didn't think there were any jobs for that around me. It really opened my eyes to how there are endless possibilities with the type of work someone can do. Even though at the beginning the team I would go with was kind of unknown, I never felt unstable. NB Power did a great job of making the atmosphere very comfortable and welcoming. I am so appreciative that I was able to do my co-op placement at NB Power.

- Olivia, Co-op Student from ASD-W

"The high school student that joined our team enthusiastically jumped into the 15 week work term from day one. It was a unique project assignment with a focus on creating a new simulation environment that will be used to provide information about NB Power to school age students and the public. Our student did an excellent job researching information on our generating stations and was comfortable and professional in presenting the results of her efforts to various teams at NB Power. Our student team member exhibited dedication, initiative and enthusiasm. We were very pleased with the experience, and look forward to welcoming our next co-op student here at NB Power."

- Dan Kane, Innovation Specialist at NB Power

## UPCOMING EVENTS

### RESCHEDULED EVERFI PRESENTATION

EVERFI helps teachers, schools, and districts bring real-world skills to students. EVERFI's resources cover topics like health and wellness, STEM, career and college readiness, financial literacy, early learning, and more.

[Join](#) our local EVERFI Implementation Manager, Melissa Ketch, [February 16th, 2022 from 3:45pm - 4:15pm](#) for an overview of these FREE resources you can use with your students. Melissa will lead teachers through creating their accounts and how to get started with students. Educators will leave the session with offline lesson plans, discussion guides, activities, and curriculum guides to add to their teacher toolkit.

### NB PARKS LIVE INTERACTIVE CLASS

Do you and your middle or high school students want to learn more about the NB 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 as we offer a Live 45-minute class with a New Brunswick Parks EXPERT.

The LIVE Class will be available in [French, February 23, 2022 at 10:30am](#) and [English, February 23, 2022 at 1:30pm](#).

## CENTRES OF EXCELLENCE FOR HEALTH



### MENTAL HEALTH LITERACY COURSE

The Centre of Excellence for Health is extremely excited to support 77 teachers and staff from across the province while they complete the Mental Health Literacy LEARN Course being offered by UBC. The NB Mental Health Literacy School Community is growing LARGE & STRONG. [Teach Mental Health | Mental Health Literacy Resource](#).

### PRESENTATION ON RESPECT AND DIVERSITY FOR MIDDLE AND HIGH SCHOOL STUDENTS

Linda Morehouse is a workshop facilitator for World of Wisdom, is a mindfulness instructor and certified Emotional Freedom Technique (EFT) practitioner. These methods have been proven to calm an overstimulated nervous system. [Linda will be presenting, Friday, February 24, 2022 10:30am - 12:00pm](#), on Respect and Diversity which offers students not only an understanding of biases but an opportunity to recognize and resolve personal biases.

### HEALTH RESEARCH IN NEW BRUNSWICK: TIPS FOR GETTING STARTED DURING AN UNDERGRADUATE DEGREE

Did you know that you can get involved in conducting health research during an undergraduate degree? Interested in finding out more about how to get involved with health research during your future studies? Students planning to continue their education in the fields of medicine, biology, kinesiology, applied sciences can join research teams under the supervision of university professors as early as their second year of study.

[Join student researchers Iryna, Ashley and Kyle, Tuesday, March 1, 2022 2:00pm - 2:30pm](#) as they talk about their own experiences pursuing health research in their undergraduate and graduate degrees, and answer questions from the audience about getting connected to supervisors, and finding the right projects.

### PARTNER SPOTLIGHT

The Centre of Excellence for Health has partnered with the New Brunswick Association of Nursing Homes (NBANH) to help raise awareness amongst youth about aging in New Brunswick. NBANH has been a key player through collaborative efforts in creating student-friendly opportunities and activities for New Brunswick students. Along with the Department of Health and the Department of Social Development, NBANH and the COE for Health are focusing efforts on student resources to highlight the importance of intergenerational connections and the numerous career possibilities in the long-term care sector.



## UPCOMING EVENTS

### FINANCIAL LITERACY: ECONOMICS FOR SUCCESS

Middle school teachers are invited to bring their classes to attend a lesson on Financial Literacy: Economics for Success for students in grade 6, 7, & 8. [Join us, Thursday, January 27, 2022 from 11:30pm to 12:00pm, for this interactive session.](#) Teachers and students are welcome to attend for all, or any portion of the lesson, ask questions and hopefully learn aspects of financial literacy.



Community mentor Michele Lodge working with student alumni Yukie Xie at the IDEA Centre SJ.

## CENTRES OF EXCELLENCE FOR ENTREPRENEURSHIP



### PITCH FEST 2021

Congratulations to the 2021 New Brunswick PitchFest champion, Ms. Kathleen Cucinelli of Hampton High School! Kathleen's 2 minute pitch for "Echoes of Home," a premium quality doggy day care business, won the \$300 top prize and impressed the panel of judges from across New Brunswick.

If you are teaching public speaking skills, feel free to use the resources on the PitchFest Teams page. You will also find some of last year's and this year's student pitches that you can show your students and they can judge for themselves who they think has the best pitch. For info, email [ries.vanbeek@nbed.nb.ca](mailto:ries.vanbeek@nbed.nb.ca).



Finalist Molly Sheehan is pictured here, after completing an impressive virtual pitch to community and industry leaders.

### ENTREPRENEURSHIP KIT DEVELOPMENT

In ASD-S, district coordinators, leads and teachers have been working with the COE-Entrepreneurship to develop a kit of engaging inquiry-based learning activities targeting grade 3 to 5 classrooms in support of the Cross Curricular Block. In the coming weeks, this kit will be made available to teachers across New Brunswick.



## QUESTIONS? CONTACT THE COE LEADS



Adam Trider  
Centre of Excellence for Energy Lead  
[Adam.Trider@gnb.ca](mailto:Adam.Trider@gnb.ca)



Daneen Dymond  
Centre of Excellence for Health Lead  
[Daneen.Dymond@gnb.ca](mailto:Daneen.Dymond@gnb.ca)



Ries Van Beek  
Centre of Excellence for Entrepreneurship Lead  
[Ries.VanBeek@nbed.nb.ca](mailto:Ries.VanBeek@nbed.nb.ca)