

Centres of Excellence/Centres d'excellence

Reimagining how students, across K-12, learn about New Brunswick career opportunities and increase career readiness through virtual and experiential learning, by connecting classrooms with real-world expertise.

Réimaginer comment les élèves, de la maternelle à la 12e année, découvrent les opportunités de carrière au Nouveau-Brunswick et améliorent leur préparation à la carrière grâce à l'apprentissage virtuel et expérientiel, en reliant les salles de classe à l'expertise du monde réel.





**CULTIVATING AN INNOVATIVE EDUCATION SYSTEM
THAT RESPONDS TO NEW BRUNSWICK'S EVOLVING
LABOUR MARKET**

**CULTIVER UN SYSTÈME ÉDUCATIF INNOVANT QUI
RÉPOND À L'ÉVOLUTION DU MARCHÉ DU TRAVAIL DU
NOUVEAU-BRUNSWICK**

Challenges to New Brunswick

Défis pour le Nouveau-Brunswick

Population

- Oldest population in Canada
- Young people leaving New Brunswick
- Seeking to grow population through immigration

La population

- Population la plus âgée au Canada
- Jeunes qui quittent le Nouveau-Brunswick
- Chercher à accroître la population grâce à l'immigration

Workforce

- Labour shortages in key sectors
- 130,000 job openings in the next 9 years
- 54% of those will be filled by youth

Main-d'œuvre

- Pénuries de main-d'œuvre dans des secteurs clés
- 130 000 offres d'emploi au cours des 9 prochaines années
- 54 % d'entre eux seront comblés par des jeunes

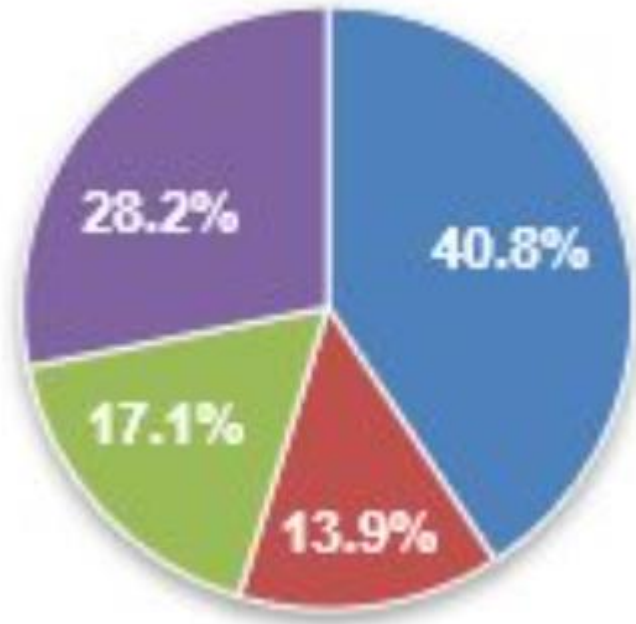


Plans to Stay in the Province

2024 Grade 12 Exit Survey

Plans pour rester dans la province

Sondage de sortie de 12e année 2024



I plan to stay in the province.

J'ai l'intention de rester dans la province.



I plan to leave the province and come back in a few years

J'ai l'intention de quitter la province et de revenir dans quelques années



I plan to leave the province and I have no plan to come back

J'ai l'intention de quitter la province et je n'ai pas l'intention de revenir



Not sure

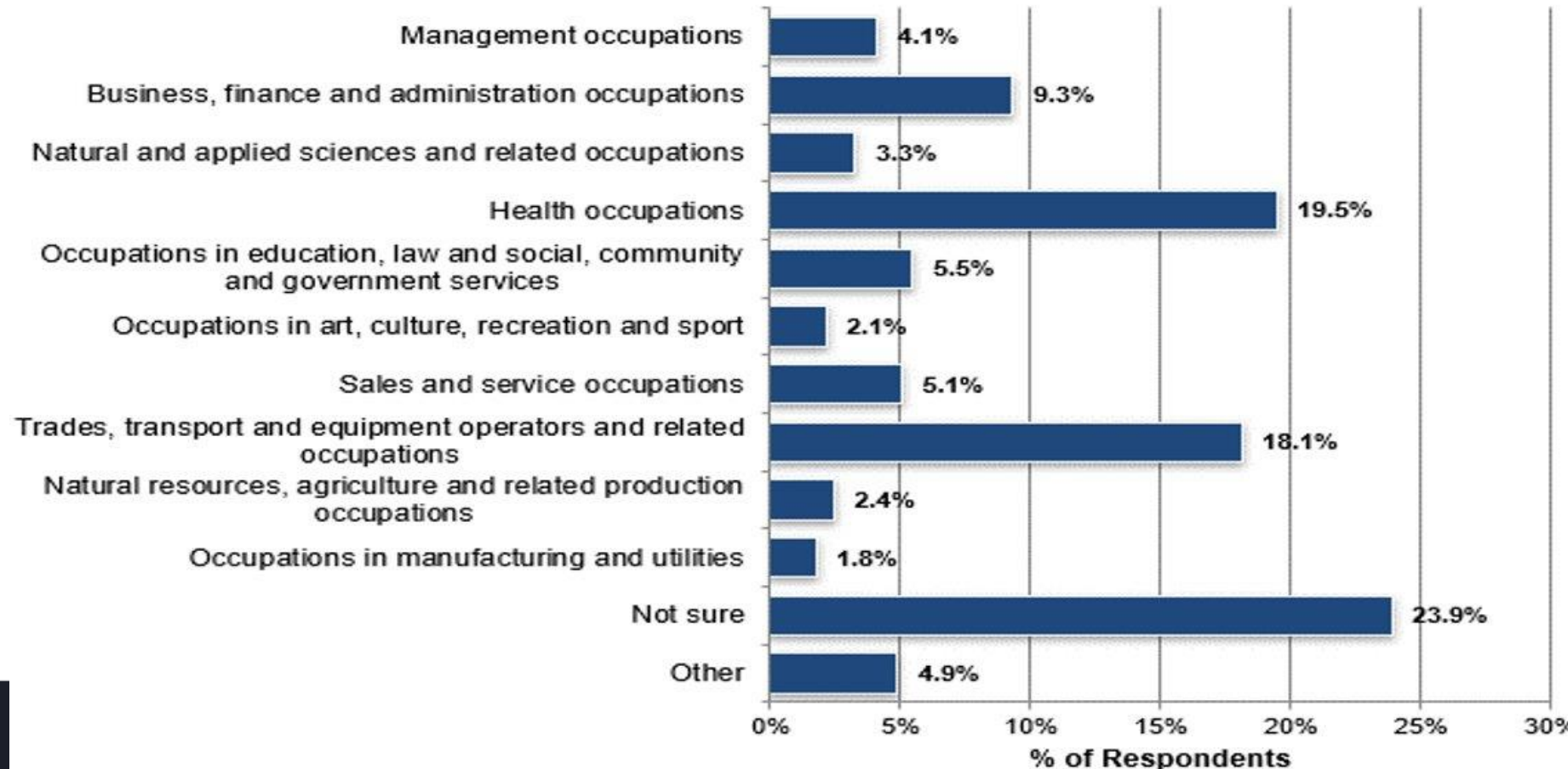
Pas certain



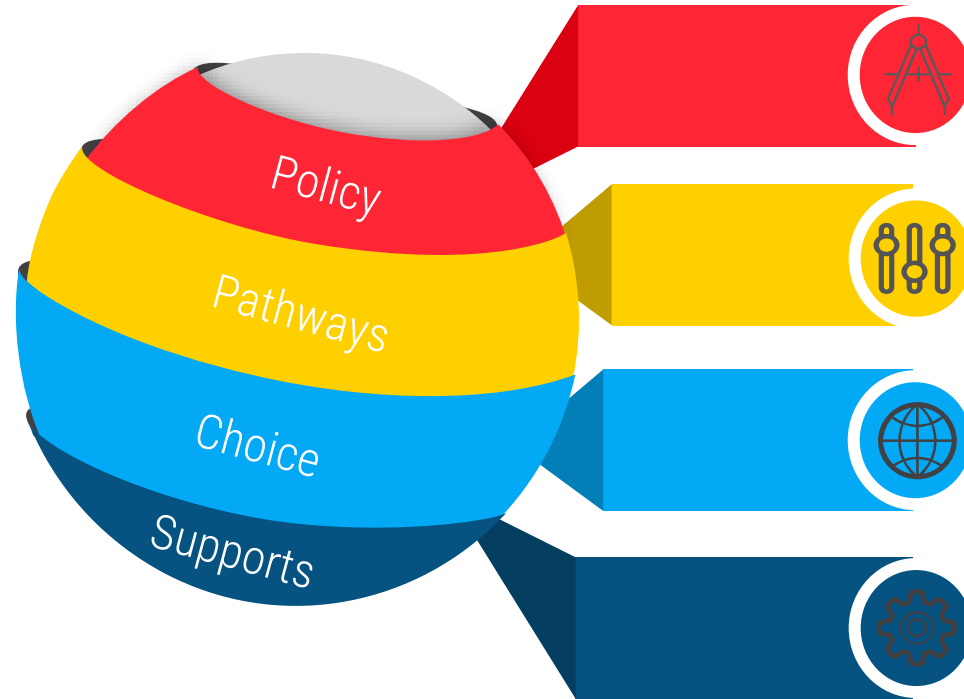
What type of job/occupational category is the most readily available in New Brunswick? 2024 Grade 12 Exit Survey

Quel type d'emploi ou de catégorie professionnelle est le plus facilement disponible au Nouveau-Brunswick ?

Sondage à la sortie de 12e année 2024



System changes that support career education Changements au système qui soutiennent l'éducation à la carrière



Policy updates/Mises à jour de la politique

Policy 316 - Graduation Requirements
Policy 703 - Experiential Learning

Options for credit/Options de crédit

Personal interest courses, dual-credit, prior learning, ...
Essential Skills Program // work-ready learning

Career connected learning/Apprentissage lié à la carrière

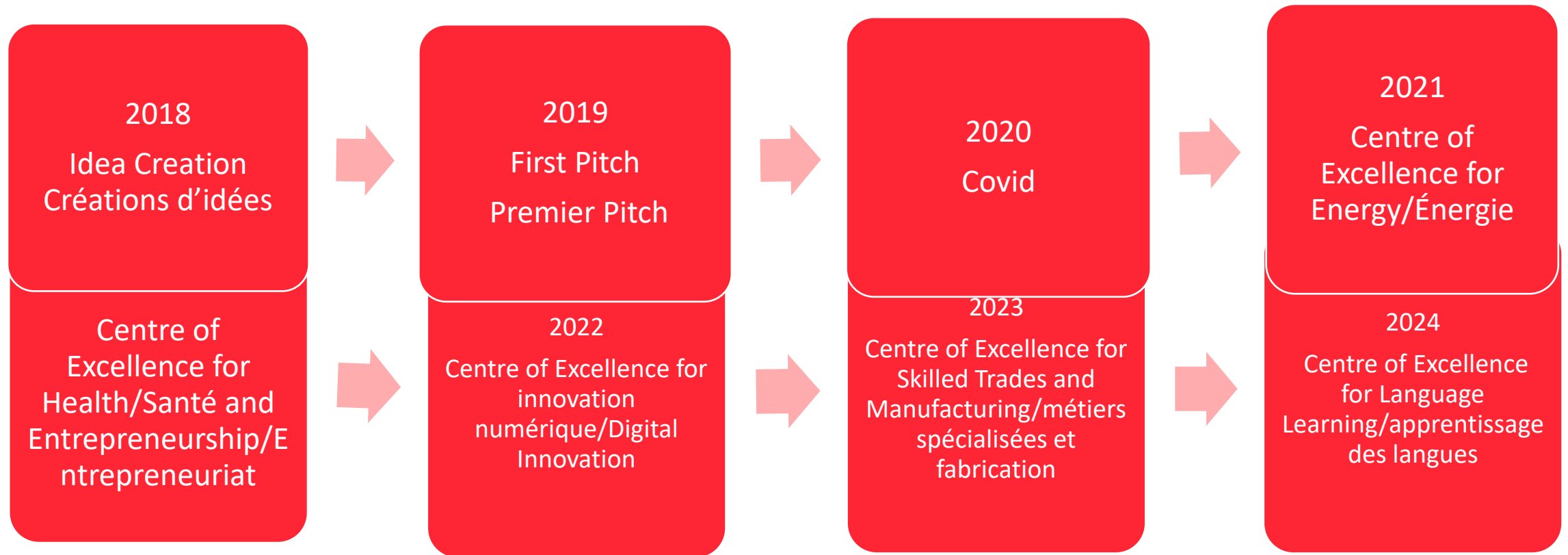
Enhanced coop programs – e.g. Long-Term Care, Early Childhood
Career Education Framework

Supports/Soutiens

Added Strategic Partnership unit to onboard partners
Added Experiential Learning Lead for each school district



Comment le COE a-t-il commencé? How Did The COE Start?



VISION MISSION STATEMENTS



Vision – Show learners they can make a life in New Brunswick



Mission – Support learners to discover their passions and strengths through innovative learning opportunities and exposure to diverse career pathways



Method – Utilize partner expertise to support learners by facilitating curriculum connected, authentic, and relevant learning opportunities



Objectifs du Centre d'excellence

Centre of Excellence Goals



+



=



Increase learner and educator focus on career-connected learning.

Add relevance by connecting learning to real-world opportunities.

Make it easier for educators and outside experts to connect and collaborate.

Remove barriers that make it difficult for educators to include outside experts in their teaching.

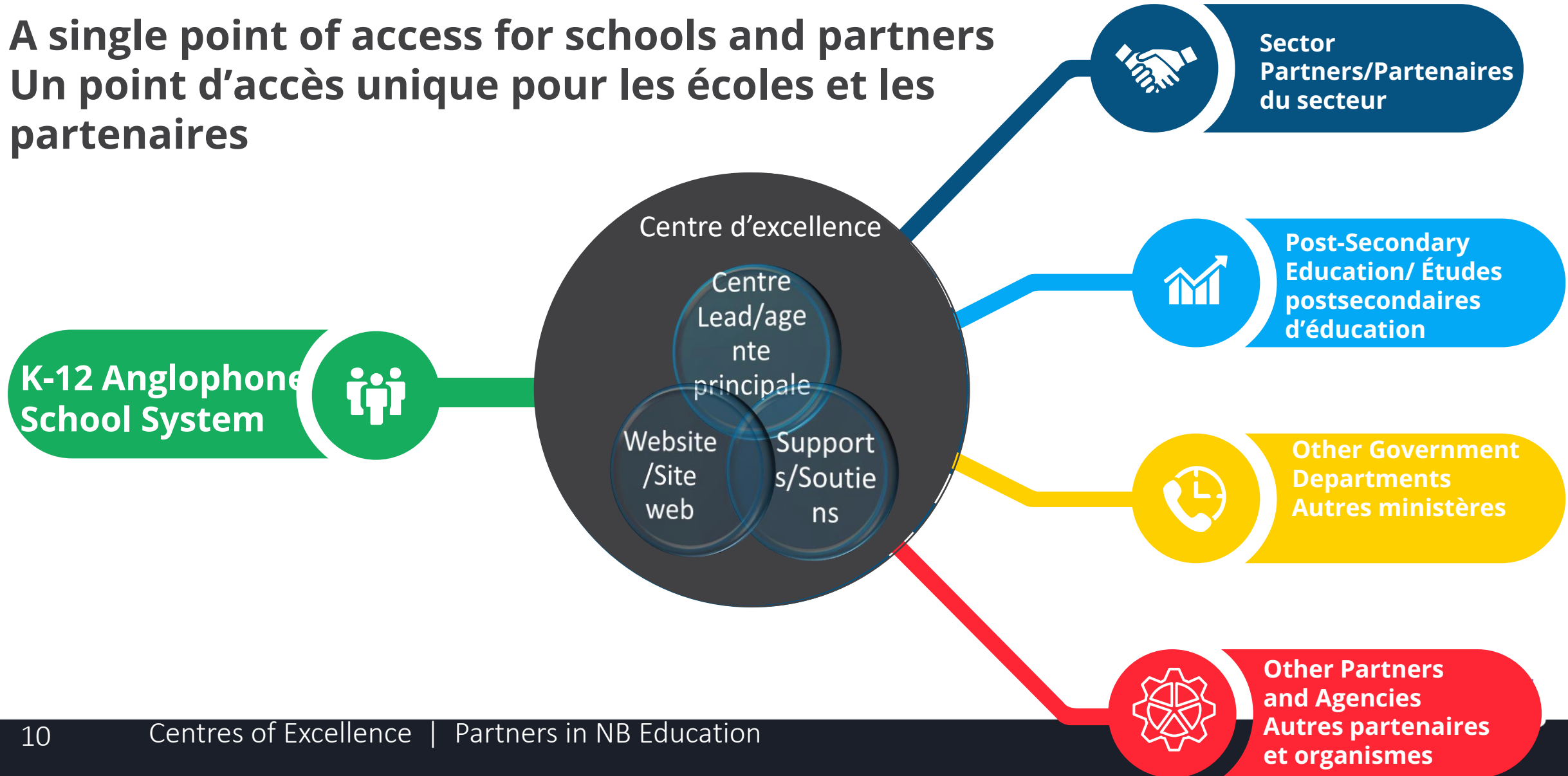
Show students they can make life in New Brunswick.

Get learners excited about opportunities they didn't know existed within the province.



Centre of Excellence Structure

A single point of access for schools and partners
Un point d'accès unique pour les écoles et les partenaires



Qu'est-ce qui rend possible un centre d'excellence ? What makes a Centre of Excellence possible?



Personnel du Centre/Centre Staff (people)

Agent/e principale pour chaque centre (enseignants/es, financés en partie par des partenaires)/Soutien de l'EECD et des districts avec le soutien du curriculum, les responsables et d'autres éducateurs

Full-time lead for each Centre (teachers, partly funded by partners)/Supports of EECD and districts with curriculum support, leads, and other educators

Accès à l'expertise (connaissances)/Access to Expertise (knowledge)

Partenaires de l'industrie disposés à fournir de l'expertise et du soutien/Participation et accès aux connaissances, au personnel et éventuellement aux installations et à l'équipement des partenaires

Industry partners willing to provide expertise and support/Participation and access to partner knowledge, staff, and possibly facilities and equipment

Soutien opérationnel (financement)/Operational Supports (funding)

Les coûts généraux de fonctionnement, les consommables (p. ex., trousse, matériel), les coûts des événements (p. ex., visites sur place des élèves), le temps et les déplacements liés à l'apprentissage professionnel des enseignants

General operating costs, Consumables (e.g., kits, materials), Event costs (e.g., student site visits), Teacher Professional Learning time/travel



Modèle d'apprentissage et d'engagement du COE pour la maternelle à la 12e année

COE Learning and Engagement Model for K-12

Préparation à la carrière

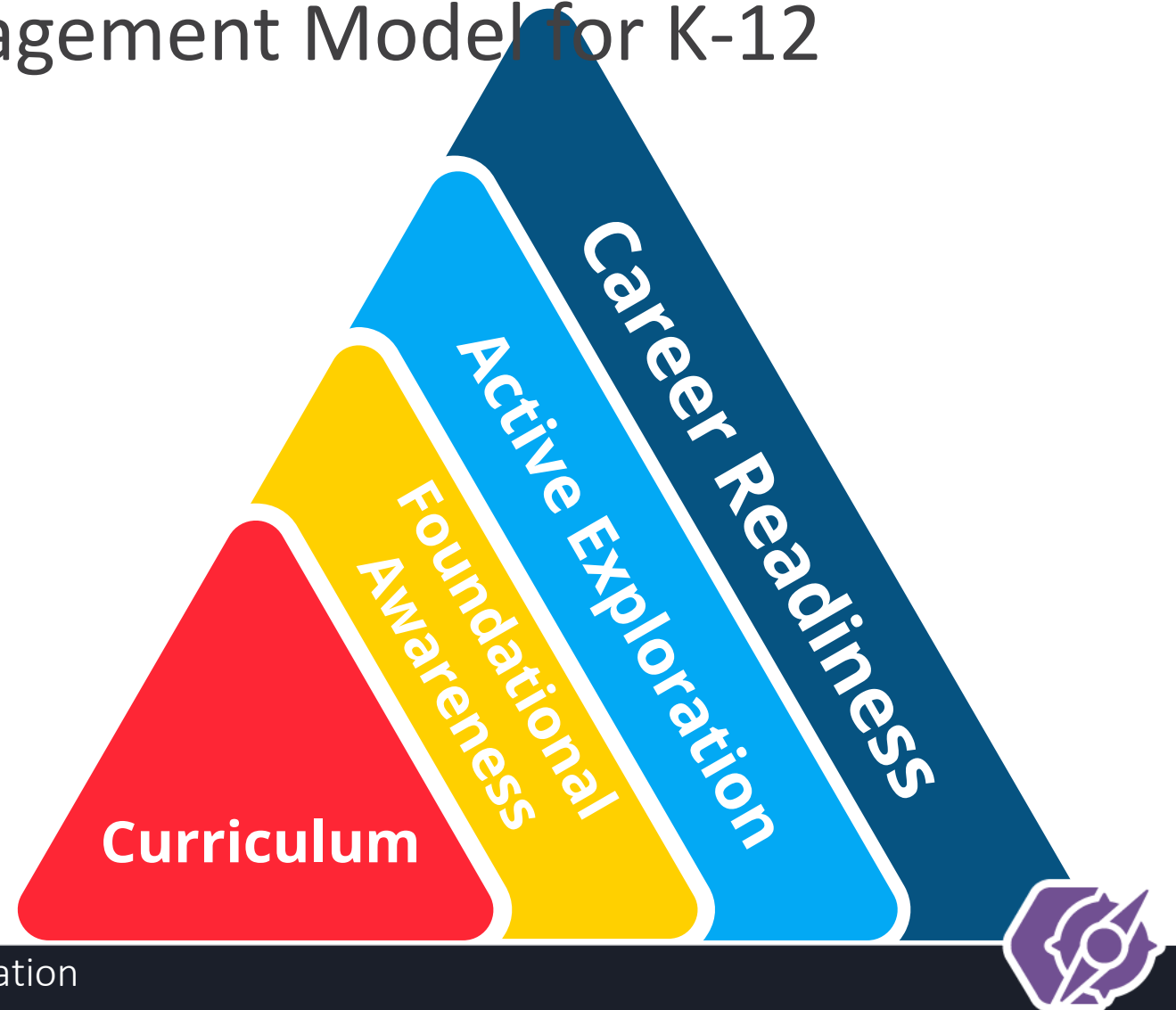
Apprentissage expérientiel direct propre au secteur ; placements coopératifs, mentorat, bénévolat, projets de synthèse

Active Exploration

Deeper engagement in sector-specific experiences; problem and project-based learning, site visits, applied research

Sensibilisation de base

Présentation des concepts, soutiens connectés en classe : conférenciers, activités, visites virtuelles, recherche





Centre of Excellence ENERGY



Energy literacy and climate education
Career pathways in the energy sector

Littératie énergétique et éducation climatique
Cheminevements de carrière dans le secteur de l'énergie



Centre of Excellence HEALTH



Mental fitness literacy
Career pathways in health and social care

Littératie en santé mentale
Cheminevements de carrière dans le domaine de la santé et des services sociaux



Centre of Excellence ENTREPRENEURSHIP



Growing entrepreneurial spirit and skills in N.B. youth
Financial literacy

Accroître l'esprit d'entreprise et les compétences chez les jeunes du Nouveau-Brunswick
Littératie financière



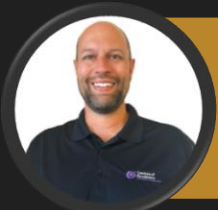
Centre of Excellence DIGITAL INNOVATION

Career pathways in ICT and Cybersecurity
Strengthening digital literacy skills

Cheminevements de carrière dans les TIC et la cybersécurité
Renforcer les compétences en littératie numérique



Centre of Excellence SKILLED TRADES & MANUFACTURING



Practical skills in trades and manufacturing
Career pathways in skilled trades & manufacturing

Compétences pratiques dans les métiers et la fabrication
Cheminevements de carrière dans les métiers spécialisés et la fabrication



Centre of Excellence LANGUAGE LEARNING

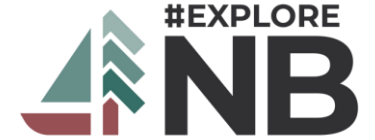


Providing authentic language learning experiences
Highlighting the career and life benefits of multilingualism

Offrir des expériences d'apprentissage des langues authentiques
Mettre en évidence les avantages du multilinguisme pour la carrière et la vie



Énergie NB Power



InclusionNB
Creating Opportunities • Créer des possibilités



Member of
JA Canada



Provincial Engagement Data

Learner Interactions

= over 40,000



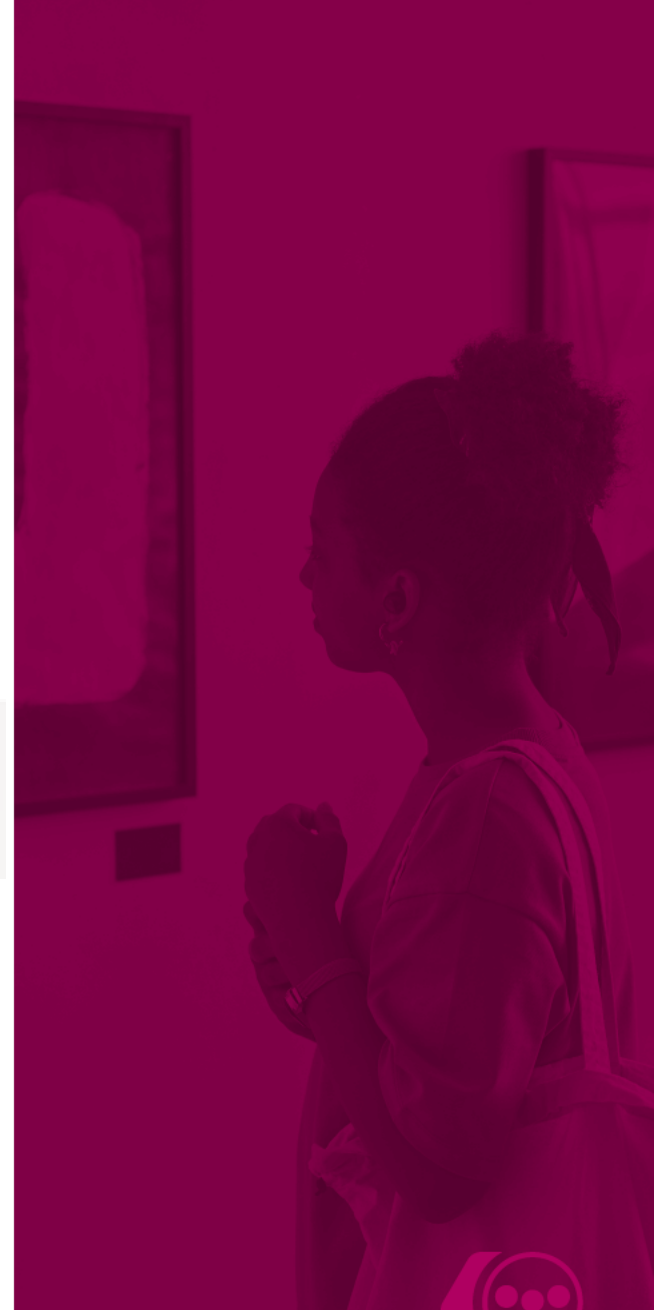
Educator Interactions

= over 4800



**Providing authentic language learning experiences
Highlighting the career and life benefits of multilingualism**

**Offrir des expériences d'apprentissage des langues authentiques
Mettre en évidence les avantages du multilinguisme pour la carrière et la vie**

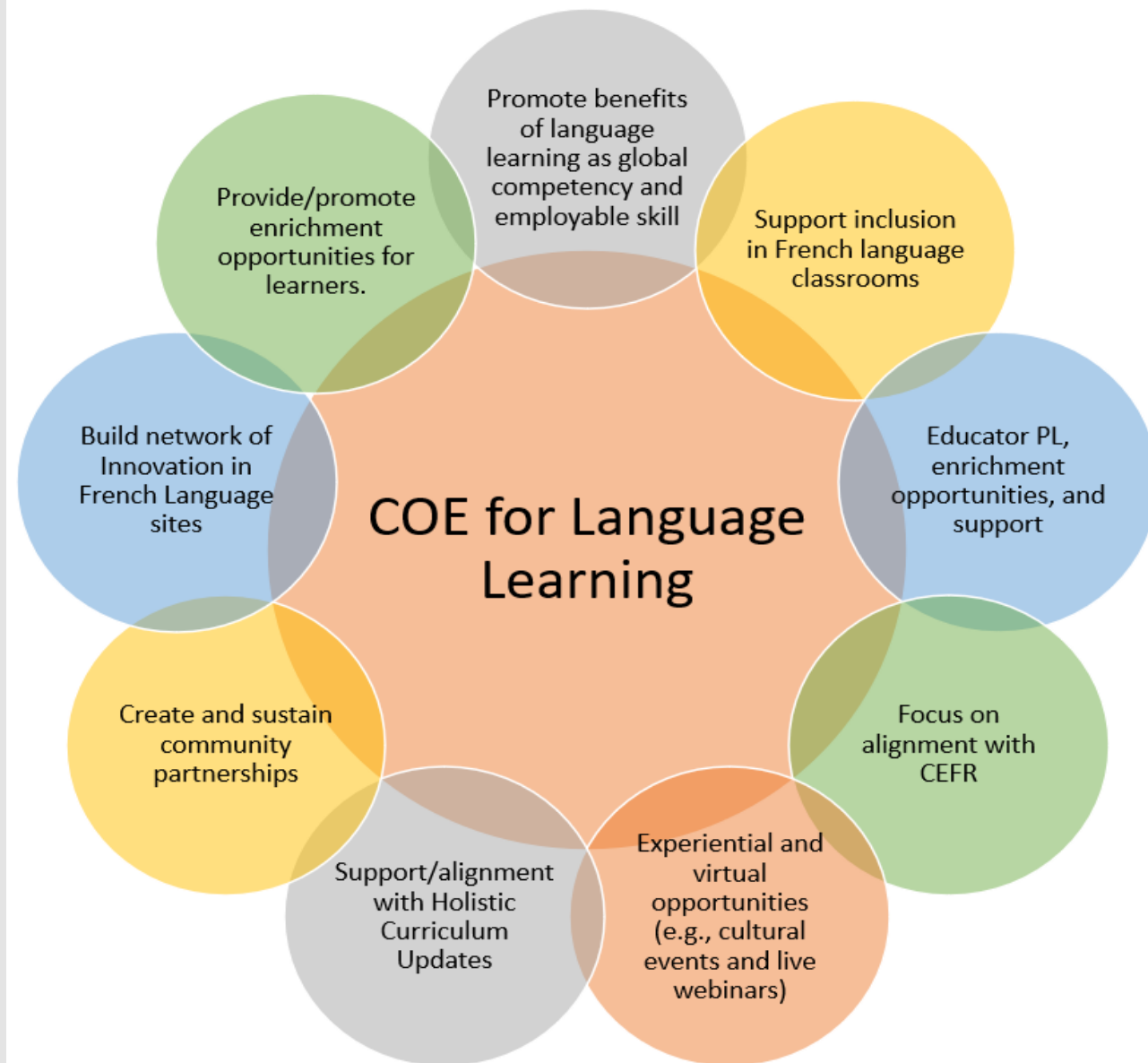


Areas of focus/domaines d'intérêts

Offrir/Provide des possibilités d'apprentissage des langues expérientielles inclusives, novatrices et authentiques.

Facilitate/Faciliter connections between educators, learners, experts, and community partners to support and enrich language learning education.

Promouvoir/Promote les avantages de l'apprentissage des langues en tant que compétence mondiale et exposer les apprenants à des possibilités de carrière au Nouveau-Brunswick.





Centre of Excellence for Language Learning

Are you looking for diverse and authentic language learning experiences for K-12 learners? Explore our learning activities, speaker series and experiential learning opportunities.

[ABOUT US](#)

[BECOME A PARTNER](#)



Learning activities

Explore a variety of activities to expand your classroom knowledge through active language learning.

Subject



Grade



Language



Search



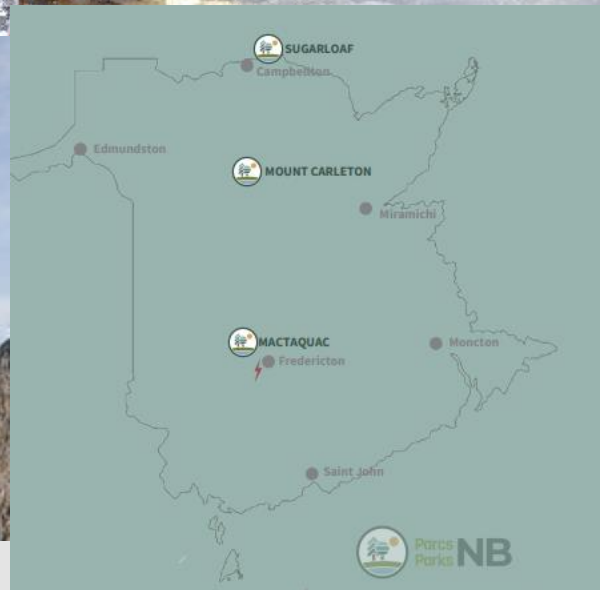
Minimaisons

Middle Block

Aperçu Cette trousse comprend des activités d'apprentissage pratiques et fondées sur l'enquête, explorant, créant ...

JOUEZ EN HIVER, QU'EST-CE QUE JE PORTE?

- NB Holistic Curricular Connections
FILA grades 1 and 2.
- Vocabulary building, singing songs,
playing games around outdoor
clothing.
- **Final activity**– plan a day at one
of our provincial parks! See the
attached poster for details
about booking a day at one of
the NB parks.



Tu as entre 12 et 18 ans?
Tu as de l'imagination et tu as
envie de t'exprimer?
Ce concours est fait pour toi!

Pour les profs : Diffusez un tutoriel vidéo sur la
création d'un balado dans votre classe pour découvrir
les meilleurs trucs et astuces avec vos élèves

LANCE TON BALADO

3^e édition

Concours! Lance ton balados!

Pour les élèves: Tu as entre 12- 18 ans?
Tu as l'imagination et tu as envie de
t'exprimer? Ce concours est fait ...

📅 February 2025



leFLOFRANCO virtual concert

leFLOFRANCO will be performing live
at a NB school on Oct 31st at 1-2pm!
This performance will be available ...

📅 October 31st 2024





Co-Action

Bilingual conseil étudiant

Co-Action's mission is to create engaging and inclusive events for youth.

La mission de Co-Action est d'organiser des événements captivants et inclusifs pour les jeunes.



- Started in Bathurst in 2021
- Hoping to expand to other communities

- Have done fundraising activities as well as found volunteers for organizations in need.



Concours de l'Association de l'industrie touristique du Nouveau-Brunswick sur le tourisme durable

Avis aux élèves de la maternelle à la 12e année !

Nous voulons connaître et promouvoir des endroits touristiques ainsi que des personnes professionnelles qui œuvrent dans le secteur du tourisme durable.

En partenariat avec le ministère de l'Éducation et du Développement de la petite enfance (MEDPE), vous pouvez nous aider en participant au concours de l'Association de l'industrie touristique du Nouveau-Brunswick (AITNB) sur le tourisme durable. Dans un projet de votre choix, présentez-nous une personne professionnelle ou une destination touristique de votre communauté qui contribue aux objectifs de développement durable du Nouveau-Brunswick. Nous avons hâte de connaître vos destinations de choix !

Prix

Les meilleurs groupes de chaque catégorie remporteront une récompense en argent



Règlements

- Ce concours est destiné à tous les élèves du Nouveau-Brunswick (maternelle à la 12e année).
- La langue utilisée doit être celle dans laquelle l'élève étudie.
- Les élèves doivent aborder 15 questions. 10 d'entre elles doivent être en lien avec les objectifs de développement durable. Les 5 autres sont libres.
- Date de soumission : 27 avril 2023.
- De plus amples informations sur : aitnb.com.

Personnes-ressources

Pour des questions supplémentaires, adressez-vous à votre conseillère à l'apprentissage expérientiel :

- bobbie.craft@nbed.nb.ca (ASD-S)
- crystal.roberts@nbed.nb.ca (ASD-W)
- anna.paradis@nbed.nb.ca (ASD-E)
- robert.gillis@nbed.nb.ca (ASD-N)
- claudemilie.deschenes@gnb.ca (Districts Francophones)



TIANB's Sustainability in Tourism Contest

Students in K-12, we want to hear from you!

We want to know how operators and tourists are acting on and promoting sustainability. You can help by participating in the Tourism Industry Association of New Brunswick's (TIANB's) Sustainability in Tourism Contest, in partnership with Education and Early Childhood Development (EECD). We want to learn from you. In a project of your choice, introduce us to an operator or a tourist destination in your community. Explore in your project how tourism in New Brunswick supports the Sustainable Development Goals and support NB to be a thriving destination. We look forward to and value your perspective.

Prizes

Top groups in each category will win a cash prize.



Guidelines

- This contest is open to all students and/or classrooms in New Brunswick.
- Dialogue is to be in student's language of instruction.
- Students will develop 15 questions, 10 of which must be aligned with the [Sustainable Development Goals \(SDGs\)](#), and 5 of which can be open-ended.
- Registration: January 13, 2023 at 4pm
- Entry deadline: April 27, 2023 at 4pm
- Additional important information about the contest can be found at tianb.com.

Contact

Contact your district Experiential Learning Coordinator for support:

- bobbie.craft@nbed.nb.ca (ASD-S)
- crystal.roberts@nbed.nb.ca (ASD-W)
- anna.paradis@nbed.nb.ca (ASD-E)
- robert.gillis@nbed.nb.ca (ASD-N)





What are the economic benefits of sustainable

tourism for New Brunswick, and how can they be

maximized while minimizing negative impacts on

the environment and local communities?

THE CRUISE SHIP INDUSTRY:

HOW IT AFFECTS SEA LIFE.

Entry # 10

Introduction

Every year, the Caribbean Princess stops at the Port of Saint John in New Brunswick. The Caribbean Princess is a Grand-class cruise ship owned and operated by Princess Cruises, with a capacity of over 3,600 passengers. It has 900 balcony staterooms and a deck of mini-suites. Because of its large passenger capability, you can expect there'd be wide arrange of people touring Saint John. Since Saint John is so close to the ocean, you can expect most of it's attractions to be close to natural bodies of water. Approximately 52% of Saint John's most popular attractions are around, lakes, rivers, or the ocean. (If you only include outdoor attractions, it's a whopping 79%). Unfortunately, When you include the combined impacts that both cruise ships and high amounts tourists can have have life below water, the possibility of water pollution only increases. To combat that: There some solutions that Princess cruises has used, and could use to reduce the amount of pollution that gets into New Brunswick's waters.



port of Saint John

The Caribbean Princess

History

The location of the Port of Saint John was first visited by Samuel de Champlain in 1604, it later became the site of a French stronghold known as port La Tour, which supposedly lasted from 1631-1645. It wasn't until the eighteenth century that it officially became the Port of Saint John. Princess cruises started in 1965. The first time Princess sailed into Canada was in 1989. The Lunard Princess couldn't make its intended stop in Bermuda because of a hurricane, so it sailed north and ended up in Saint John instead. Ever since then, the cruise line has returned to the port almost every year. The Caribbean Princess was built July 4th, 2003 and started service April 2nd, 2003.



Port of Saint John in 1930

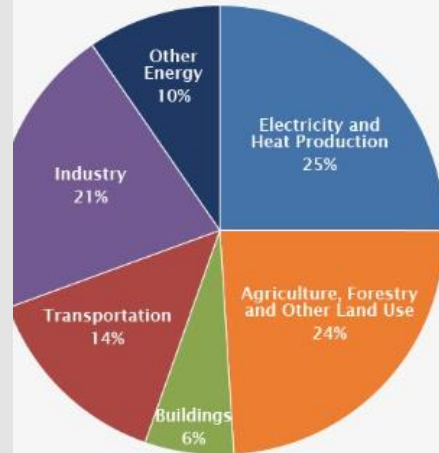
Pollution

There are many ways that cruise ships have been know to pollute the ocean Trash, oil, sewage, and grey/black/bilge water can leave the boat and go into the ocean. Plus, tourists can have an impact on the environment has well, disturbing wildlife, throwing trash into the ocean/lakes/river, and even exploiting creatures (smuggling them on board the ship) and their natural recourse can have an impact on on the environment. Looking at the Caribbean Princess specifically, there was a



Le comité consultatif sur l'environnement de St Andrews:

Global Greenhouse Gas Emissions by Economic Sector

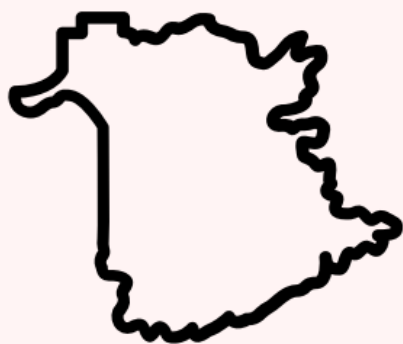


Le comité consultatif sur l'environnement de St Andrews soutient les pratiques des gestions positives. Cette année, le comité se concentre sur:

1. Le compostage
2. La consommation d'énergie et émissions de gaz
3. Les espaces verts



Wildlife Wednesday Take It Outside



1 Blackville School

- DFO- Renous
- Ducks Unlimited
- OceanSpray Farm
- Country Haven Lodge - THC

2 NSER

- Miramichi Fish Hatchery
- Upper Oxbow Adventures
- Metepenagiag Park
- Gaia Project

3 Miramichi Valley High

- MPEAC - River Access

4 James M. Hill Memorial

- Miramichi

5 Bonar Law Memorial

- Kouchibouguac Park

8 Sugarloaf Senior High

- Great Minds Think Outside
- Parks NB
- Dept. Natural Resources
- Smearer Farm

7 Dalhousie Regional High

- Great Minds Think Outside
- Parks NB
- Dept. Natural Resources
- Smearer Farm

6 Bathurst High

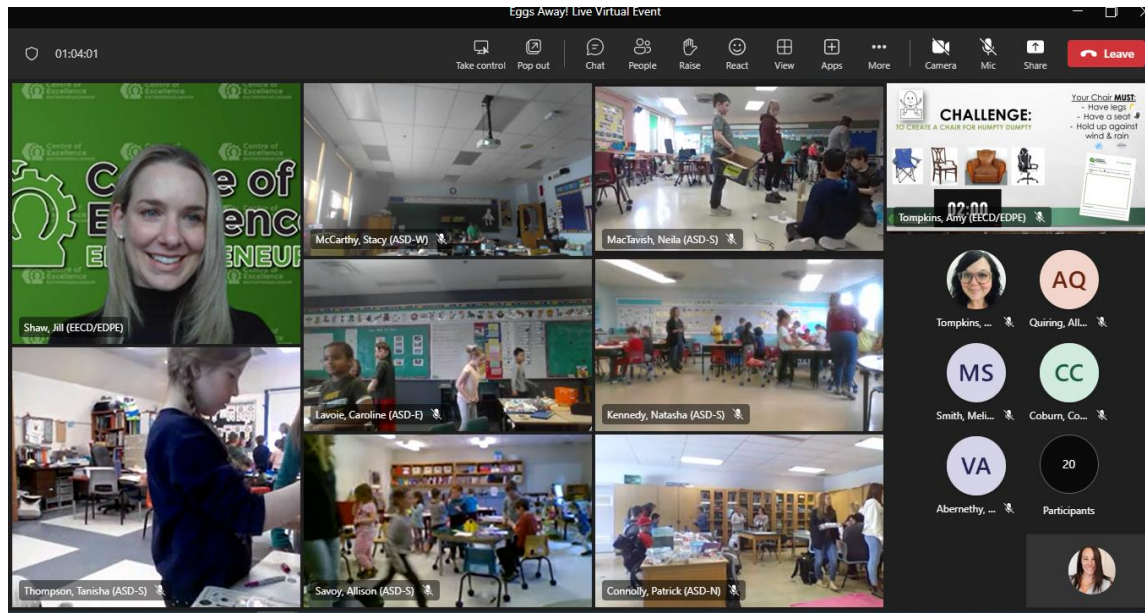
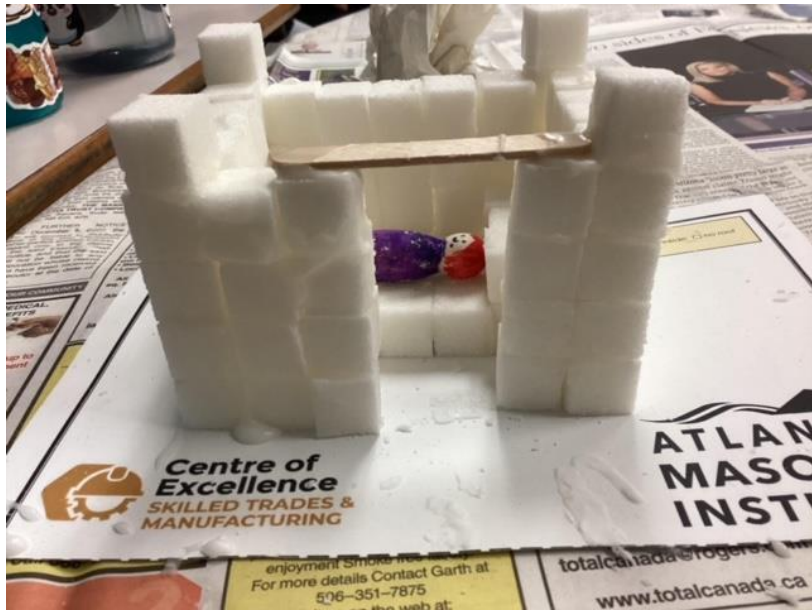
- Cranberry Farm



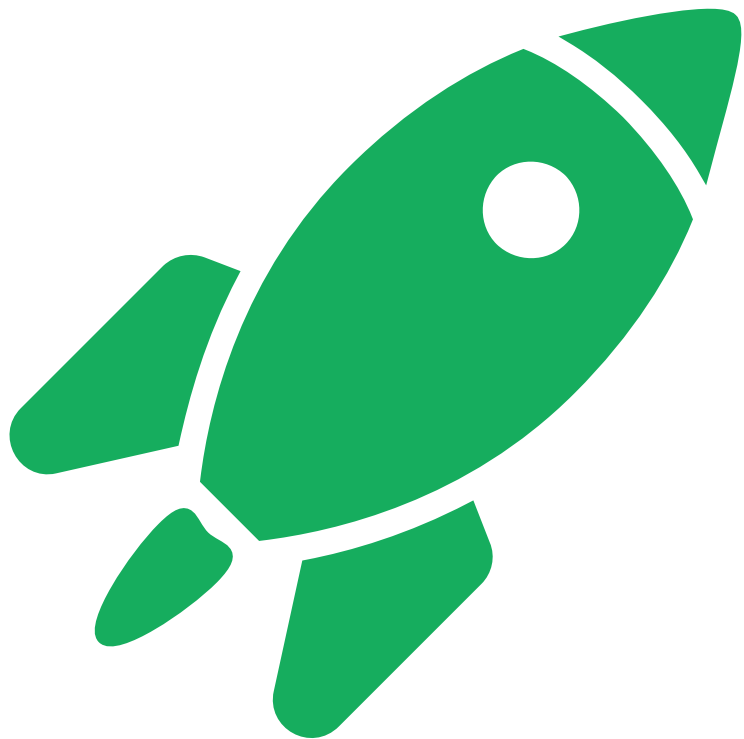
Semaine de la fierté française! FrenchWeek!

- le 24-28 mars 2025
- ressources
- idées interactives
- célébration de la culture française
- INCLUSIVE!









**What's next?
Quelle est la
prochaine étape ?**



QUESTIONS? CONTACT THE COE LEADS



Warren Coombs
Centre of Excellence for
Energy Lead
Warren.Coombs@gnb.ca



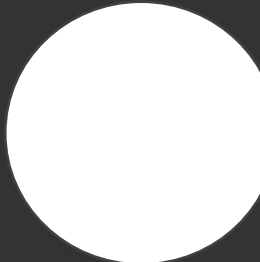
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