



IPN Orientation Winter 2022-23

We are looking for volunteers!

BrainReach Executive Committee:

Sabine Rannio, Hannah Owens, Sofia Skromne Carrasco, Justine Fortin-Houde,
Aliyah Zaman, Zeeshan Haqqee, Dr. Josephine Nalbantoglu

Overview

BrainReach provides neuroscience education for public schools in Montreal and in remote Indigenous communities in Quebec

- Founded in 2011 by Dr. Josephine Nalbantoglu
- Since then managed **graduate students** in the IPN
- Collaborating with other universities

We inspire the love of neuroscience by sharing our enthusiasm with the young students!

Scope of the Program

Elementary School

Grade 4
8 lessons
1 lesson/month

High School

Grade 9
6 lessons
1 lesson/month

North

Grades 2-10
18 teacher-directed
modules
Outreach trips

We provide lessons and workshops and other events!

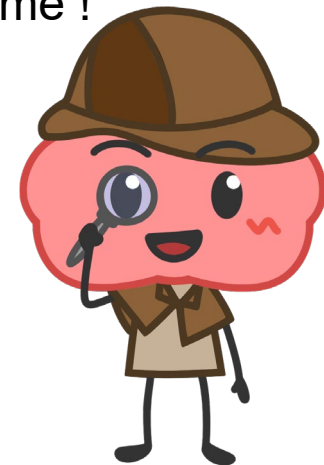
Yearly curricula

Elementary School

1. What is the brain?
2. Functions of the brain
3. What is my brain made of?
Neurons!
4. The 5 senses in the brain
5. Attention and memory
6. Jeopardy & Real Cow Brain
7. Sleep
8. Emotions

High School

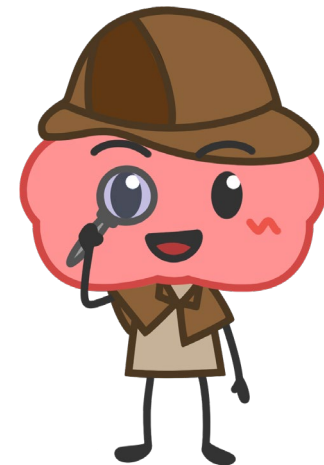
1. Brain: From the organ to the neurons
2. Attention
3. Sleep and Dreams
4. Language
5. Neurotransmission
6. Mental Health
7. & more to come !



2022-2023

We will offer our program mostly IN **-PERSON.**

We will provide workshops ~~we~~ we will train you to teach!



BrainReach North

Themes	Lessons
The Brain	<ol style="list-style-type: none"> 1. BrainSize 2. CharadesBrainLobeFunctions(NEW! Bonusmaterials- Brainhats) 3. What Are Our BrainsMadeOf? 4. How Do NeuronsCommunicate?
Senses and Perception	<ol style="list-style-type: none"> 1. The Senses 2. SensoryIllusions 3. Vision 4. AnimalSenses
Using Your Brain	<ol style="list-style-type: none"> 1. Attention - Test your observationskills 2. Attention - DistractingGame 3. Attention - SimonandStroop Tasks 4. BrainPlasticity& BrainTraining 5. Emotions 6. LearningandMemory 7. Motor System
Go Further	<ol style="list-style-type: none"> 1. How We Seethe Brain Buildingan Electromagnet 2. Concussions 3. Sleep

BrainReach North

Theories of Sleep



To save energy



To recharge our body's battery

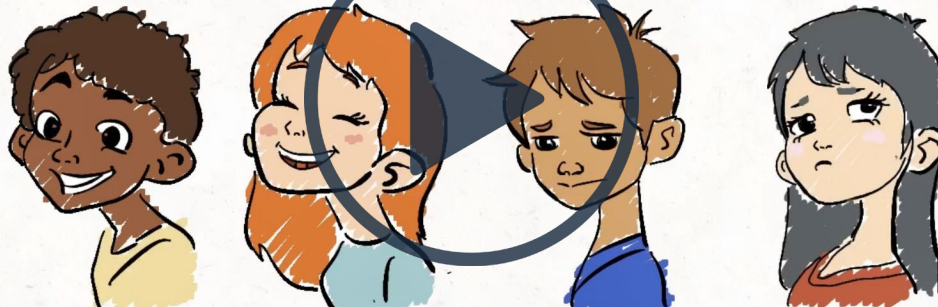


To strengthen memories



HOW ARE YOU

FEELING TODAY?



Quiz !

1. *Vrai ou Faux :*

A) Un photorécepteur peut devenir fatigué, nous rendant capable de voir des illusions d'optique.

B) Les bébés sont nés avec une vision complète.

2. *Encerlez le type de cône que nous **N'AVONS PAS**.*

Rouge, Bleu, Mauve, Vert

3. *Encerlez la bonne réponse.*

Les bâtonnets nous aident à voir en :

Noir et blanc **OU** Couleur

BrainReach North

We are looking for

Content Creators:

- Lessons
- Videos (animated videos, interviews)
- Posters
- Postcards
- Activity Booklet
- Translators

Admins

- School contact coordinator (bilingual)
- Outreach trip coordinator (bilingual)
- Volunteer coordinator
- Social media coordinator
- Newsletter coordinator

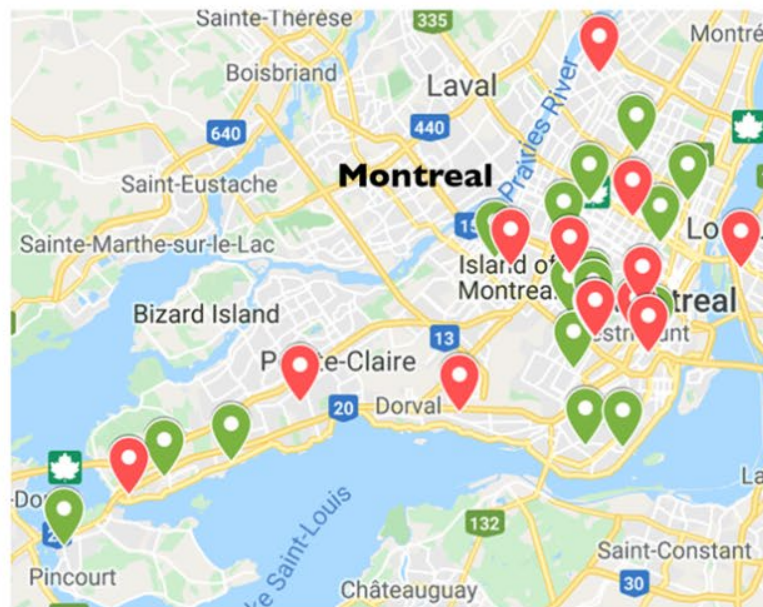


Program Scope

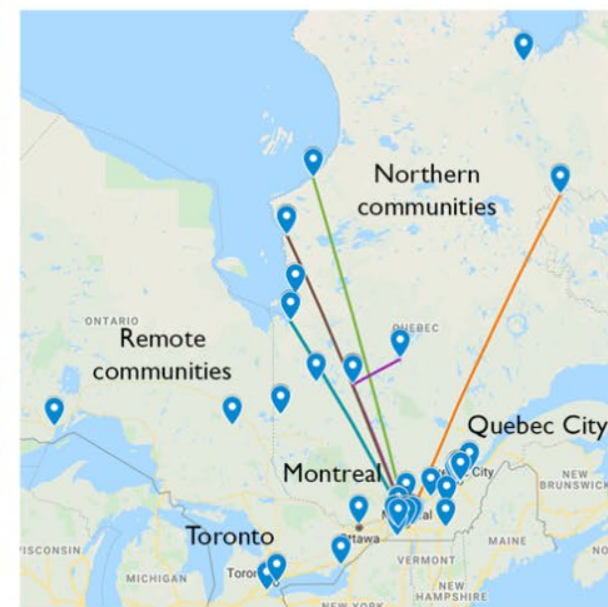
A. Scope of BrainReach

Year	Volunteers	Schools	Classes	Students
2021-22	132	41	120	3000
2020-21	118	84	137	3061
2019-20	130	95	187	4156
2018-19	118	77	142	3140
2017-18	135	68	107	2363
2016-17	99	34	71	1599
2015-16	70	25	62	1416
2014-15	56	27	63	1402

B. Schools reached by BR-ES and BR-HS



C. Schools reached by BR-N



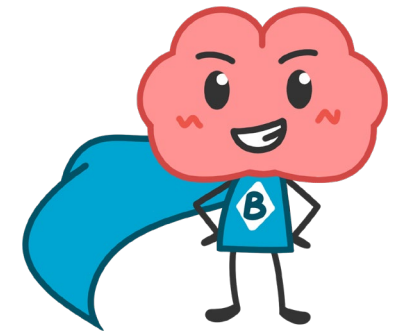
Committee Positions

High School

1. FR school & volunteer coordinators
2. External events & outreach coordinator
3. Materials coordinator

Elementary School

1. ENG volunteer coordinator
2. FR volunteer coordinator



Share your *enthusiasm* with young students!

ipnbrainreach@gmail.com

www.brainreach.ca

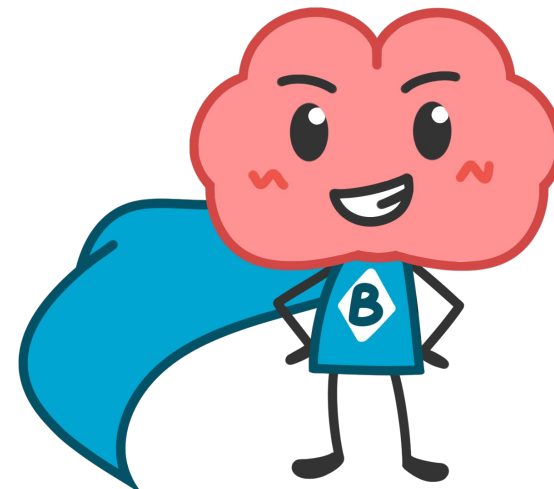
brainreachnorth@gmail.com

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Join us

Volunteer recruitment for all three branches will occur during the ~~fall~~ semester

Make the most out of grad school!



Get involved!

Share your *enthusiasm* with young students!

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