

# EMSB - Educational Services

## High School Challenge Week 4

#stayathome



April 20, 2020



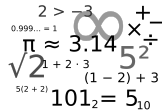
Earth Day is April 22 - During this time of confinement, reflect on what you can do to help save the planet. Enjoy some of the Earth Day related activities!



[ELA](#)



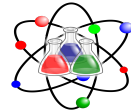
[Français](#)



[Math](#)



[Phys. Ed](#)



[Science & Technology](#)



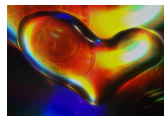
[Social Sciences](#)



[History IV](#)



[ERC](#)



[Arts](#)



[Career Exploration](#)



[Digital Citizenship](#)



[Parents' Corner](#)



## English Language Arts

### The Mashup Poem

April is National Poetry Month, so why not try your hand at writing some [mashup poetry](#)?

Learn more about [National Poetry Month](#) in Canada.



## Français

### Des vacances écologiques, c'est possible?

Visionnez ce [documentaire](#) et répondez aux questions.



$$\begin{array}{c}
 2 > -3 & \infty & + - \\
 0.999\dots = 1 & & \times \div \\
 \pi \approx 3.14 & & 5^2 \\
 \sqrt{2} & 1 + 2 \cdot 3 & (1 - 2) + 3 \\
 5^{(2+2)} & & 101_2 = 5_{10}
 \end{array}$$

## Math

### Take the challenge!

The [problem of the week](#) and the answer keys for all levels are designed to provide students with an ongoing opportunity to solve mathematical problems.

A good problem forces students to consider the problem, make choices about what mathematical knowledge is needed to solve the problem, carry out the necessary steps, and then explain why their answer makes sense.



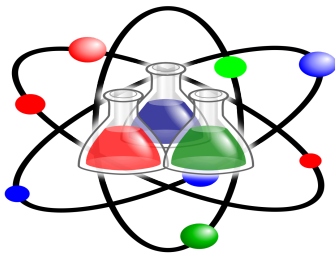
## Physical Education and Health

### Everyday Health and Wellness



Managing your health and wellness is complex. From physical health, to mental health, emotional health and spiritual health, there are many different things you can do to help yourself stay healthy and feel good.

Have a look at this [calendar](#) filled with different health and wellness challenges. Can you complete each activity for the week of April 20th? How many other activities can you complete?



## Science & Technology

### Earth Day



"We do not inherit the Earth from our parents, we borrow it from our children." (Antoine de Saint-Exupéry)  
Let's do our [part](#).

*Traduction française*

### Jour de la Terre

"Nous n'héritons pas de la Terre de nos parents, nous l'empruntons à nos enfants." (Antoine de Saint-Exupéry)  
Faisons notre [part](#).



## Social Sciences

### Geography:

#### Urban Planning

In any metropolis, the combination of a large population and limited space results in a high population density. This density causes serious issues, particularly related to travel and lodging.

Use this [resource](#) to help you understand and solve two of Montreal's major urban problems. Then, put your ideas into this [spreadsheet](#).

### Géographie:

#### Planification urbaine

Dans les métropoles, la combinaison d'une grande population concentrée dans un espace restreint donne comme résultat une forte densité de population. Cette densité cause plusieurs problèmes au niveau de l'habitation et des transports par exemple.

Consultez ce [document](#) pour mieux comprendre les causes et les solutions possibles de la densité de population de Montréal. Par la suite, inscrivez des pistes de solution à ces problèmes dans ce [tableau](#) prévu à cet effet.



## History/Histoire IV

### Demographic Changes in Quebec

Quebec's immigration policy and cultural diversity are important subjects in the province. Here is an [article](#) from before the pandemic discussing how Quebec's economy will need more immigrants to fill jobs.

Do this [activity](#) to learn a little bit more about the history of this topic in Quebec in the 1960s. Then, write down why you think Quebec's immigration has shifted from Europeans to a more global pool of immigrants.

### Changements démographique au Québec

La politique d'immigration du Québec et la diversité culturelle sont des sujets importants dans la province. Voici un [article](#) expliquant comment le Québec pourrait devoir ralentir son immigration en raison de la pandémie.

Faites cette [activité](#) pour en savoir un peu plus sur l'histoire de ce sujet au Québec dans les années 1960. Ensuite, écrivez pourquoi vous pensez que l'immigration au Québec est passée des Européens à un groupe plus global d'immigrants.



## Ethics and Religious Culture

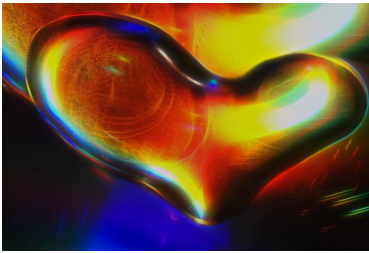
### Nature is Speaking- Are we listening?

Watch these [short videos](#) in which nature (voiced by celebrities) speaks to us. Which aspect of nature would you choose to represent?

Read the conservation facts about nature found after the video (scroll down)

Create a collage of images of your favorite aspect of nature from a [copyright-free](#) site, and paste one or more conservation facts in the middle, to create a Nature is Speaking poster

Further research one of the aspects of nature, in connection to effects of the [covid-19 pandemic](#), and create your own video, speaking for nature!



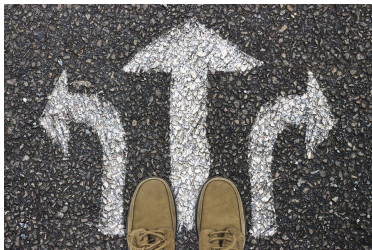
## Arts Education

### A system called Ecology:

### An Arts Appreciation [Project](#)

Educart, is a multidisciplinary educational platform created by the Montreal Museum of Fine Arts' education department. With engaging activities created by teachers for teachers, Educart's mission is to bring works from the permanent collection to students as an axis point for discussion and reflection on societal issues

**ONE** museum **FIVE** works of art **ONE** professional testimonial **THREE** subjects and **ONE** theme: Our Ecosystem



## Career Exploration

### Start Planning Your Career!

The Government of Canada has an excellent career planning website. At [Job Bank](#) there are numerous free tools and quizzes to help begin planning a fulfilling career.

Take a moment this week and try a [career quiz or test](#). The results can be used to understand yourself better and begin your exploration.

Afterwards explore career options that [match your skills and knowledge](#) or even learn about specific occupations with the [website's search tool](#)



## Digital Citizenship

### Hoaxes and Fakes

Did a bear really chase a snowboarding girl? Was a mummified dog discovered in a tree trunk? Can turmeric cure cancer? All things that can be found on the Internet, but are they even true?



## Parents' Corner

### How you can support your child

Here are some guides to help navigate through the weekly activities

- [Using and downloading files / L'utilisation et téléchargement des fichiers](#)
- [Math Strategies](#)
- [Reading Strategies / Stratégies de lecture](#)
- [Writing Strategies](#)