

# EMSB - Educational Services

## High School Challenge Week 6

#stayathome



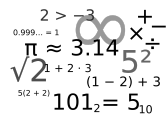
May 4, 2020



[ELA](#)



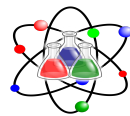
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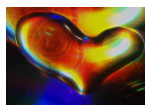
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## English Language Arts

### Explore the World from Home

Where would you like to go?  
Choose a destination and experience all it has to offer. Then [create a travel blog](#) of your trip.



## Français

### Comment déterminer le vrai du faux dans les infos?

Écoutez cette [Émission sur les "DEEP FAKE"](#) et ensuite amusez-vous à répondre à ces [12 questions](#) en ligne!

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

## 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

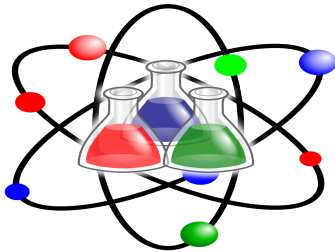
### Fitness Choice Board



A lot of people struggle to find the motivation to exercise regularly. The best way to stay motivated is to find an activity you love doing. Choice is a strategy you can use so you can naturally be more interested.

Use the [fitness choice board](#) this week to help you get your 60 minutes a day of physical activity.

Each day of the week, complete one of the options or create your own workout that adds up to 60 minutes!



## Science & Technology

### Magic Science

Sir Arthur C. Clarke is quoted as saying that “Magic is just science that we don’t understand yet.” Time to think through demonstrations that may seem magical but are simply science. When completed, why not test your family and friends as well? Let’s [begin](#).

### La science magique

Sir Arthur C. Clarke a déclaré que "la magie est juste une science que nous ne comprenons pas encore". Il est temps de réfléchir à des démonstrations qui peuvent sembler magiques mais qui sont simplement de la science. Une fois ces démonstrations complétées, pourquoi ne pas tester également votre famille et vos amis? [Commençons](#).



## Social Sciences

### History & Citizenship

#### The World's First Democracy

The city of Athens prospered during the fifth century BCE. Citizens would often gather in the Agora and discuss relevant issues. This resulted in huge developments in the field of politics. One of the achievements of Ancient Greece was democracy. Do this [activity](#) to learn more about how it worked, and how it still influences democratic countries today.

#### La première démocratie au monde

La ville d'Athènes a prospéré tout au long du cinquième siècle avant notre ère. Durant cette période, les citoyens se réunissaient souvent à l'Agora pour y discuter. Ces rencontres ont entraîné d'énormes développements dans le domaine politique. L'une de ces réalisations a été la démocratie. Faites cette [activité](#) pour en savoir plus sur son fonctionnement et son influence sur les pays démocratiques aujourd'hui.



## History/Histoire IV

#### Changing Attitudes in Quebec in the 1960s

The 1960s were a time of counterculture. The baby-boomers were teenagers by then and were getting involved in everything from fighting for civil rights to protesting against the Vietnam War. The views of the entire Western world were starting to shift, and Quebec was no exception. Do these [activities](#) to help you understand the changing attitudes in Quebec in the 1960s.

Then, interview a member of your family about what they remember from the changing attitudes in the 1960s.

#### Des mentalités qui évoluent au Québec pendant les années 1960

Les années 1960 ont été une période de contre-culture. Les baby-boomers étaient adolescents et voulaient changer le monde, de la lutte pour les droits civils à la protestation contre la guerre du Vietnam. Les façons de penser du monde occidental commençaient à changer, et au Québec aussi. Faites ces [activités](#) pour vous aider à comprendre l'évolution des mentalités au Québec dans les années 1960.

Ensuite, interrogez un membre de votre famille au sujet de l'évolution des courants de pensée dont il se souvient.



## Ethics and Religious Culture

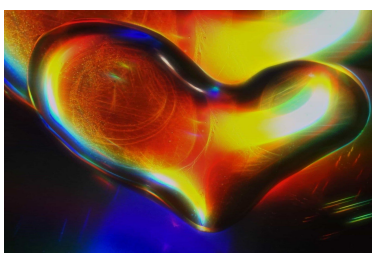
### The Kindness Rocks Project

The weather is warming up and more and more people are venturing outside, at a safe distance of course. Here is a chance to spread some good cheer to those folks! Take a look at [The Kindness Rocks Project™](#). Next time you are outside, keep an eye out for inspiring messages left by others.

Even better, create your own! Here's how.

[How-To — The Kindness Rocks Project™](#)

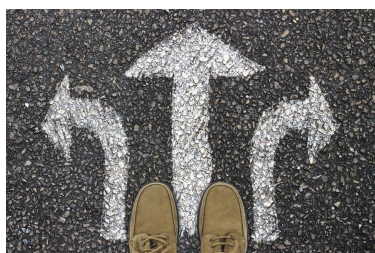
Inspiring messages can also be created on driftwood, cardboard, even post-it notes - be creative!



## Arts Education

### At One with Nature

Nature and the things around you can serve as a source of inspiration. It can also act as a tool or prop to help you create an artistic response. Complete this [challenge](#) to show your creativity!



## Career Exploration

### The Role of a Clinical Trial Investigator

According to the World Health Organization there are [70 coronavirus vaccines in development](#) globally. The clinical process to develop a vaccine can be complicated. Part of this process involves a health professional taking on the role of Clinical Trial Investigator.

Take a moment this week and learn more about what this means. This printable [worksheet](#) could be used to note what you may already know, what you would like to learn, and your conclusions.

You can read a description of their role [here](#). This [article](#) goes into greater detail concerning the ethics, safety, and regulations they must consider.



## Digital Citizenship

### Online Verification Skills

Save your friends and family from fake news by taking on this [challenge](#)!



## E.P.I.C Challenge

Educational Personal Innovative Challenge

### A 3D Time Capsule

A [TIME CAPSULE](#) is similar to a memory box and a diary. Do you have many keepsake items? [Make it a time capsule](#).



## Parents' Corner

### How you can support your child

Here are some [guides](#) to help navigate through the weekly activities



### Want to share your work with our EMSB community?

Certain weekly activities ask students to share their great work and now you can.

Submit and share your work by filling out the EMSB Connect [form](#)!



### EMSB Connect Website - Coming soon!

Soon you will be able to see some of the great work of our students!