Friendly - Accountable - Leaders - Cooperative - Organized - Nurturing - Successful

Learning Opportunities for Grade 7 May 18th – 22nd, 2020

Do your best to work on these learning opportunities for 2 hours each day. Focus on life skills, physical activity, mental well-being, and social connections as well. Stay healthy, stay safe!

EVERY DAY:
30 minutes of reading
30 minutes of physical activity (See the Physical Activity Calendar for ideas!)

ELA/FILA

ELA Choice Board: choose a different activity from the board to complete each day this week 😊

THE LABELLER	SINGER SONGWRITER	ASTRONOMY
Find a picture around the house, in a magazine or newspaper, or on the internet. Label all the words you know in English. Ask people in your house for the words you don't know. Think of other ways you can you find names for words you don't know.	Learn the words to popular song. Practice pronouncing the words as you sing the song.	Go to Astronomy Picture of the day: https://apod.nasa.gov/apod/astropix.html Describe what you see in the photo.
GAMER	**GRAPHING SURVEY RESULTS**	**LISTENING DETECTIVE**
Teach a family member a simple game (e.g., crazy eights, rock paper scissors, etc). Your challenge is to give the directions in English	Survey your family on favorite sports, TV shows, songs, foods or a topic of your choice. Example: What are your 3 favorite sports? Draw a graph to show your results.	Watch TV or listen to the radio for 30 minutes. List one word for each letter of the alphabet. Try your best to spell them.
JOURNAL	**DIRECTOR IN YOUR OWN MOVIE**	**THE INTERVIEW**
Start a journal describing what you do each day. Try to give as many details as possible! You can use the following sentence frames to help you: · I saw... · I went... · I heard... · I smelled...	Use the following vocabulary to create a short video.... dancing crazy funny like sister hat loud totally cool shake friend awesome Hint: It might be helpful to write out your lines first.	Interview a family member. You may want to use the following questions: · What is your name? · How old are you? · What is your favourite food/activity? · What is something that makes you happy? Write a summary of your interview.

Link for Astronomy picture of the day
https://apod.nasa.gov/apod

FILA : Choisir trois (ou plus) activités à compléter cette semaine

Littératie/Sciences humaines	Math/Science	Bien-être
Nouvelles! Trouve un article qui t'intéresse ici. Lis-le à voix haute ou écoute le texte. Discute avec un ami ou écris tes réflexions dans un journal.	**Cuisiner!** Choisis une recette simple à suivre (voir la liste ici). Lis les étapes, et assure-toi de bien comprendre. Le succès sera évident dans le produit final!	**Promenade!** Prends une marche avec un membre de ta famille. Observe ce que tu vois dans la nature, et en discute avec ta famille.
Fais le journaliste! Choisis un(e) amie(e) ou un membre de ta famille à interviewer. Dresse une liste de questions à leur poser, et fais le journaliste! Ceci peut se faire par téléphone, face-à-face, ou à l'aide de technologie. Écris un résumé de l'interview, et partage-la avec ta famille.	**La guerre de math!** Trouve des cartes à jouer et un partenaire. Divise la pile en deux également. Chaque joueur retourne deux cartes en même temps et fait la multiplication. Celui avec le plus grand produit gagne les cartes. Continue jusqu'à ce qu'une personne aie toutes les cartes.	**Jouer!** Sors dehors et joue à un sport ou à une activité physique avec des membres de ta famille. Fais bouger le corps et amuse-toi! N'oublie pas de faire jouer de la musique en même temps!
Dessine! Crée une brochure où tu y dessineras 5 symboles associés avec ton pays, soit le Canada. Assure-toi d'écrire le mot qui représente chacun de tes symboles.	**Fais une expérience!** Choisis une expérience scientifique parmi les 10 qui te sont suggérées ici. Fais ensuite une petite recherche pour déterminer l'explication scientifique de ton phénomène. Résume-le dans tes propres mots.	**Réflexion!** Assis-toi confortablement et ferme les yeux. Pense à quelque chose de positive dans ta vie courante, et prends 10 minutes pour célébrer ce qui est de bien. N'oublie pas de respirer!

Liens:

Nouvelles!
https://www.infos-jeunes.com/

Cuisiner !
https://gourmand.viepratique.fr/types-de-plat/plats-types-de-plat/cuisine-debutants-ecettes-plats-faciles-2515.html#item=1

Fais une experience!
https://gourmand.viepratique.fr/types-de-plat/plats-types-de-plat/cuisine-debutants-recettes-plats-faciles-52515.html#item

Math

Mental Math Activities

Do two of these questions a day! Remember- in your head, not with a calculator. Explain your strategy and show your work as if you are trying to explain what you are thinking in your head.

Give the double and half strategy a try!

Example: 4 x 16 becomes 8 x 8 = 64 (half of 16 is 8 and double 4 is 8)

1) 16 x 50 =	3) 250 x 12 =	5) 24 x 5 =	7) 4 x 45 =	9) 15x 8 =
2) 44 x 5 =	4) 18 x 40 =	6) 50 x 24 =	8) 35 x 3 =	10) 14 x 50 =

Math Choice Board: Complete a different activity each day this week, or try them all 😊

Math Choice Board		
License to Solve Write down the numbers you see on two (2) license plates. Create four (4) math problems with these numbers. Ask a family member to solve them. Brunswick CANADA 01/2017 JLR 566	**WODB** ➤ Which number does not belong AND why? ➤ What other number does not belong AND why? ➤ Repeat as many times as you can.	**Finding the Best Deal** Determine the better deal in each case. 1. 8 pencils for $2.80 OR 5 pencils for $1.70 2. A dozen apples for $7.20 OR 3 apples for $1.75
Fraction & Decimal Challenge Using digits from 0 to 9 (at most one time each,) fill in the boxes so that the fraction equals the decimal. Find as many different solutions as you can. $$\frac{\square\square}{\square\square} = \square . \square\square$$ www.openmiddle.com	**Shopping Spree** Which store would you rather buy from? Why? Share your reasoning with someone at home. Store A Store B 30% off $30 off	**Perimeter & Area** What is the largest possible area (in cm²) for a rectangle with a perimeter of 120 cm? Sketch a triangle (include the dimensions) that would have the same area.
Commercial Time ➤ Estimate how many minutes of commercial time there is in a half-hour TV show. ➤ Watch a show for 30 minutes and record the commercial time. ➤ How much commercial time would you expect in a 1hour show? A 2-hour show? ➤ Sketch a picture/model that shows your findings (i.e. a Circle graph.)	**Percent Challenge** Using digits from 0 to 9 as many times as you want, fill in the boxes to create a correct number sentence. $\square\square$ is 50% of $\square\square$ and 75% of $\square\square$ www.openmiddle.com	**Old Man Wrinkle** Old Man Wrinkle spent one-fourth of his life as a boy, one-eighth as a youth, and one-half as an active man. If Old Man Wrinkle spent 9 years as an old man, then how many years did he spend as: a) A boy? b) A youth? c) An active man?

Grade 7- Supplementary Math Activity

Calculating Perimeter and Area

➢ Remember the area of a rectangle is Base X Height and perimeter is adding all 4 sides.
For example, for a rectangle with measurements of 2cm (base) and 4 cm (height) we can determine the following:

Area = 2 cm X 4 cm   Perimeter = 2 cm + 2 cm + 4 cm + 4 cm
Area = 8 cm^2 Perimeter = 12 cm

Materials: you will need 5 cardboard rectangles of various sizes, labelled A, B, C, D, and E, a ruler, and paper and pencil.

➢ Choose a rectangle. Estimate the perimeter of the rectangle and then estimate its area. Record your estimates.

➢ Measure the length and width of the rectangle. Record these measurements.

➢ Use the measurements to calculate the perimeter, then the area of the rectangle. Record these measurements.

➢ Repeat with the other rectangles.

Rectangle	Estimate of Perimeter	Estimate of Area	Length	Width	Actual Perimeter	Actual Area
A						
B						
C						
D						
E						

Science

The Future is Wild Project
Over the last month you have been making observations in your Nature Journal, and documenting the changes that you see as the weather begins to warm. From this we have an understanding that the environment is never stagnant, it is always changing and EVOLVING.
This week:
1. Continue your daily observations in your Nature Journal.
2. Watch The Future is Wild: Welcome to the Future https://www.youtube.com/watch?v=w0kzMmcTS8I&t=276s
3. Hypothesize how one of your observed spots will change in 50 million years.
4. Design and Draw a futuristic animal that is well adapted to the changes you hypothesized in step 3.
5. Build your futuristic animal out of simple materials like playdough (see recipe below), recycled materials, etc.
6. Take a photo of your animal and share it.
7. Optional: Create your own stop motion movie. Use iMovie (free) or other apps.
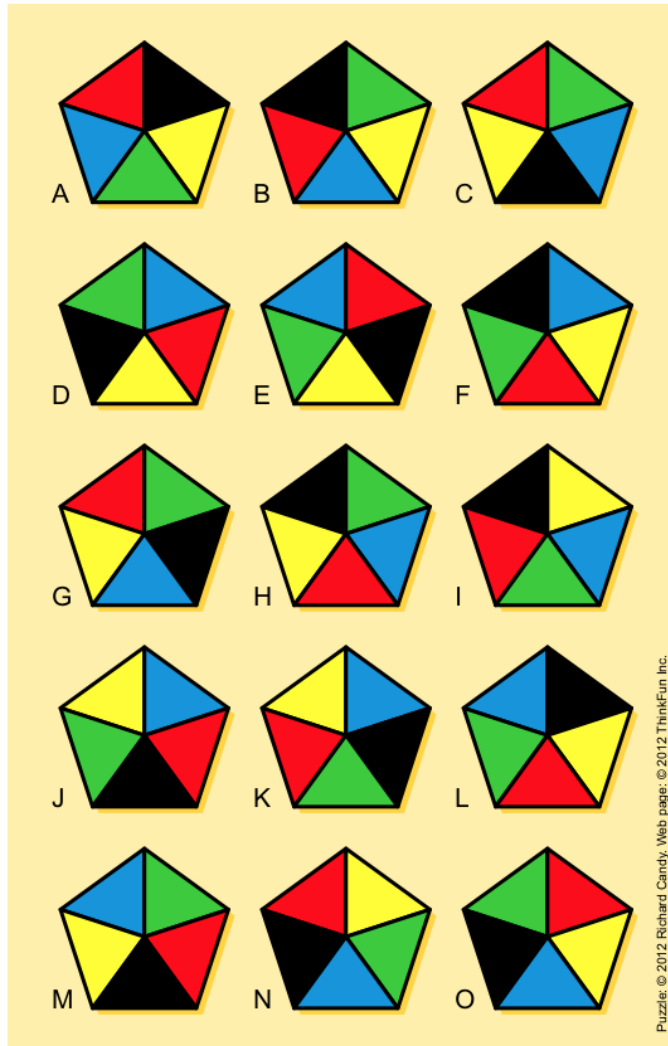
Playdough Recipe

To make your own Playdough you will need:
- 2 cups flour
- ¾ cup salt
- 4 tsp cream of tarter
- 2 cups lukewarm water
- 2 Tbsp vegetable oil (coconut oil works too)
- Optional - food colouring

Stir together the flour, salt, and cream of tartar in a large pot. Add the water and oil. If you are only making one colour, add in the colour now. Cook over medium heat, stirring constantly. Continue stirring until the dough has thickened and begin to form into a ball. Remove from heat and place inside a Ziplock bag or onto wax paper. Allow to cool slightly and then kneed until smooth. If you are adding more than one colour, divide the dough (into the number of colours that you want) then add about 5 drops of color. Knead the colour into the dough, continue adding food colouring until you get the desired colour.

HINT: use gloves when you are kneading the dough to avoid staining your hands 😊

Brain teaser activity - find the pentagon that has no exact twin!

Find the pentagon which has no partner (has no its exact twin).

Social Studies

V-E Day

Recent developments have unfortunately forced the cancellation of commemorative events in Canada and Europe this May to mark the 75th anniversary of the Liberation of the Netherlands and Victory in Europe (V-E) Day. This week we are providing an opportunity for you to learn a little bit about these WWII events.

During the Second World War, Canadians helped the Dutch people in many ways and the people of the Netherlands also provided friendship for our soldiers serving so far from home. Many personal connections were made, and a warm bond of friendship was forged between our two countries that endures to this day. This learning activity explores one way that Canadian soldiers reached out to those in need.

Read the following story, "A Handmade Gift of Love" about a heart-warming episode that saw our soldiers make a coat for a little Dutch girl whose family had lost so much in the war. The suggested activities are found to the side of the story below.

"The Little Coat – A Handmade Gift of Love"

Once upon a time, in 1941, in the small town of Olds, Alberta, a 15-year-old teenager named Bob Elliott had made his decision. He would lie about his age, join the Canadian Army and follow his pals into the Second World War. By 1944, Bob was serving in Holland.

The Netherlands (also known as Holland) had been under German occupation for four years–ever since 1940 when German troops invaded the country. The young soldier was shocked by the violence of war and the suffering of the people who lived there–the Dutch citizens.

Sussie's coat.
Photo: CWM 20060093-001 © Canadian War Museum

One of the Dutch suffering was 10-year-old Sussie Cretier. Her family, like most of the population, lived in poor conditions: hunger and cold were the staples of a seemingly never-ending war. Plus her family lived in danger. Sussie's father, Willem, was a mechanic involved in the Dutch Resistance. This meant he was against the Germans, and so he passed information to the Allies (which included Canada, Britain, France and the United States), and he hid Jewish people in his house to protect them from the Germans. These acts were considered as crimes by the Germans and unfortunately, the Germans discovered his activities. Sussie and her brothers didn't understand their father's role in the war, but they were old enough to recognize the fear on their mother's face as they watched the Germans hunt for their father. They knew they had to run away or they risked being arrested. The family luckily escaped safely behind the Allied lines in the town of Alphen, with only the clothes on their backs.

The family befriended many of the soldiers stationed there, including young Bob Elliott. Sussie really bonded with the Canadian soldiers who had come to liberate her country. She was always singing and laughing, which was a remedy to the difficult reality they faced. The Canadians often gave Sussie chocolate and chewing gum to take home to her family.

For Christmas, the soldiers made a special gift for Sussie. They had a winter coat sewn for her from a grey army blanket. The soldiers plucked buttons from their own jackets to help finish the gift. They also found her a new pair of shoes, sweater, scarf and pants. She opened her gift on a cold Christmas morning, and when she saw it, she excitedly put on this new jacket, a symbol of the devotion of her Canadian friends.

When the war ended, everyone was finally able to return home, and life began anew. Bob Elliot returned to Canada, but he kept in touch with the Cretier family over the years. In 1981, he paid them a visit. Upon reuniting, Bob and the now grown up Sussie fell in love and were soon married! Elliott brought Sussie home to Edmonton, where they lived, and the once little Dutch girl became a proud Canadian citizen.

The couple later donated the coat to the Canadian War Museum. It represents a story of friendship and love that spans decades, and the enduring bond forged between Canada and the Netherlands during the Second World War–a touching reminder of hope for Sussie, and of the brave Canadian soldiers who liberated Holland.

Activities to accompany the story:

1.   Play a memory game with the young people in your house using a "cruncher" to see what they remember about the little coat story.
Link: https://www.veterans.gc.ca/pdf/remembrance/information-for/educators/netherlands/Cruncher_e.pdf

2.   Watch an interesting video about the little girl's coat produced by the Virtual Museum of Canada.
Link: https://www.youtube.com/watch?v=zCvmQT2kLa0

Other Activities/Links

Khan Academy https://www.khanacademy.org/ , **also in FRENCH** https://fr.khanacademy.org/

(This is an <u>excellent</u> resource for mathematics, as well as higher level sciences. It includes free expert- created lessons with quizzes that have a 'game' format where you can earn points.)

Interested in science? Check out https://www.nasa.gov/nasa-at-home-for-kids-and-families

Check out the *Florenceville Middle Home and School* **Facebook page** for weekly challenges to get our Falcons interacting! Also, find daily science, technology, engineering and math challenges at the **Brilliant Labs Facebook Page**

FREE book in English and French, both e-book and audiobooks! Go to https://Soraapp.com, type **NB** in the "find my school" field, then select "New Brunswick Department of Education and Childhood Development." Use your school username and password to sign in!

FMS Learning Opportunities for the week of May 18-22, 2020				
Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
✓ Read 30 minutes ✓ Physical Activity ✓ Math Facts ✓ Mental Math ✓ Daily Writing ✓ Nature Journal	✓ Read 30 minutes ✓ Physical Activity ✓ Math Facts ✓ Mental Math ✓ Daily Writing ✓ Nature Journal	✓ Read 30 minutes ✓ Physical Activity ✓ Math Facts ✓ Mental Math ✓ Daily Writing ✓ Nature Journal	✓ Read 30 minutes ✓ Physical Activity ✓ Math Facts ✓ Mental Math ✓ Daily Writing ✓ Nature Journal	✓ Read 30 minutes ✓ Physical Activity ✓ Math Facts ✓ Mental Math ✓ Daily Writing ✓ Nature Journal

Weekly Activities

Grade 6	Grade 7	Grade 8
✓ English Reading & Writing – Daily Choice Board ✓ French Reading & Writing – Daily Choice Board ✓ Math – Daily Choice Board ✓ Calculating Perimeter & Area ✓ The Future is Wild Project ✓ Brain Teaser ✓ V-E Day Reading & Activities	✓ English Reading & Writing – Daily Choice Board ✓ French Reading & Writing – Daily Choice Board ✓ Math – Daily Choice Board ✓ Calculating Perimeter & Area ✓ The Future is Wild Project ✓ Brain Teaser ✓ V-E Day Reading & Activities	✓ English Reading & Writing – Daily Choice Board ✓ French Reading & Writing – Daily Choice Board ✓ Math – Daily Choice Board ✓ Cylinder Comparison ✓ The Future is Wild Project ✓ Brain Teaser ✓ Reflection – See Without Being Seen Challenge ✓ V-E Day Reading & Activities

Other Activities

✓
✓
✓
✓
✓
✓
✓