

Learning Opportunities for Grade 7 FI

Week of June 1-5

School Vision: *Motivating, Compassionate, Successful*

School Mission: *Making a difference.... Committed to learning.... Supporting each other*

Do the best you can! Focus on life skills, physical activity, mental well-being, creative expression, social responsibility and social connections. Stay healthy and safe!

Try to work on the learning opportunities for 2 hours each day.

EVERY DAY: 30 minutes of reading 30 minutes of physical activity

A Note from Your Teachers!

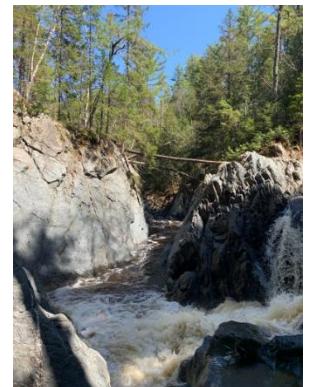


Madame Curtis and her husband Alex set up their garden this week!



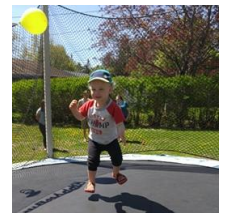
They have tomatoes, cucumbers, jalapenos, orange peppers, red onion and lots of flowers to attract bees and butterflies!

Mademoiselle Shaw did some canoeing and waterfall adventuring this past week!



Mr. McKinley was picking fiddleheads this week! We got quite a few down on the floodplains of the Meduxnekeag River. Where do you pick your fiddleheads?

Lyla and William also took advantage of the good weather to get some air on their grandparent's trampoline! I hope that you got to enjoy the good weather as well!



MATH

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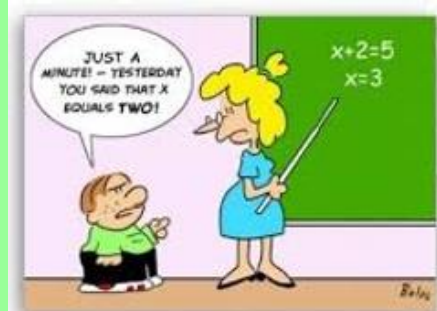
Choose from these learning activities, for a total of 30 minutes a day. This week is all about **Algebra and solving equations with some Geometry fun!** If you get stuck, feel free to contact your teacher. Once you feel you have a good understanding of the material, try out the escape room. Can you beat the clock and escape?!?! Maybe phone a friend and try it together. Have fun!

Learning Activity

Instructions

What is Algebra?

I know the word Algebra scares some of you. Don't worry. It just means we're solving for something unknown. You've been doing this for years, but instead of having $__ + 2 = 5$ using algebra, we just replace the $__$ with a letter. It can be any letter, but often we use x , so we say $x + 2 = 5$. Therefore $x = 3$



Algebra puzzles	$\begin{aligned} \text{Watermelon} + \text{Watermelon} + \text{Watermelon} &= 36 \\ \text{Watermelon} + \text{Orange} + \text{Orange} &= 28 \\ \text{Orange} - \text{Banana} &= 3 \end{aligned}$ $\text{Orange} = ? \quad \text{Watermelon} = ? \quad \text{Banana} = ?$	Can you figure out what each is worth? Find more puzzles at Algebra Puzzles
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Can you figure it out?		Give these Can you figure it out puzzles a try
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How to solve Algebra equations	In order to complete the escape room, you need to know how to solve algebraic equations. Here are some video links explaining how to solve equations! Simple solving equations video Khan Academy
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Expressions Vs. Equations		Make sure you know the difference between expressions and equations for the escape room.
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Mobile Puzzles	Try out some Mobile Puzzles online.	
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Think, Pick, Flip Game	See how good you are at solving and checking equations with this game of Think, Pick, Flip.
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Balanced Math Problems	See if you can figure out the missing values on these Balance Math problems.	
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Online Escape room

Lord Voldemort has been defeated but he still has loyal followers making trouble for Harry Potter. Solve the clues and help Harry restore order in the magical world before the muggles find out.
Click [here](#) to complete the escape room!



In the triangle below, the sum of the four values on each side is 17. Using each of the values beneath the triangle only once, assign a number to each emoji that completes the triangle.



3 4 5 6 7 8 9

Math and Logic Puzzles

If you REALLY like exercising your brain, figuring things 'round and 'round till you explode, then this is the page for you!

Whosoever shall solve these puzzles shall Rule The Universe!

... or at least they should ...



Starter Puzzles



Puzzle Games



Measuring Puzzles



Symmetry Jigsaw Puzzles



Logic Puzzles



Sam Loyd Puzzles



Shape Puzzles



Einstein Puzzles



Number Puzzles

Try these [Math is Fun Puzzles](#)

Bug symmetry!

Check out these bugs!

Notice how they are symmetrical? Check out the [bug symmetry templates](#) and try your hand at drawing some of your own! Look for bugs outside to observe. Are they symmetrical?



2D and 3D Art!



Draw and colour some 2D or 3D shapes to create a piece of Art!



Penguin Multiplication Game

PENGUIN MULTIPLICATION
1st - 3rd grade 4 x 4

- Find a partner, 2 dice, and some game pieces.
- Take turns rolling the dice, saying the product, and covering it with a game piece.
- The first person to cover 14 in a row wins the game! The row may be vertical, horizontal, or diagonal. If you can't find your product, you lose your turn!

12	3	4	10	12	6
2	15	3	25	4	4
20	5	1	20	15	24
36	6	30	8	10	18
6	18	5	30	12	8
24	4	18	2	30	24
4	12	25	6	16	15

Play the [Penguin Multiplication game](#) with someone to test out your math facts and your game strategies.
Good luck!

French TV Show of the week: check out <https://ici.radio-canada.ca/jeunesse/scolaire> and find a video or episode that interests you!


Choice Board


Choose from these learning activities, for a total of 30 minutes a day. Try to complete one learning activity from each category (Writing, Reading, Speaking & Listening) by the end of the week.

Category	Learning Activity	Instructions	Examples & Considerations
Writing	Réflexion	<p>Quel est ton activité préférée à faire pendant une journée ensoleillée?</p> <p>Follow the writing process:</p> <p>Plan -> Draft -> Revise -> Edit -> Finalise</p>	<p>Ma chose préférée à faire pendant une journée ensoleillée est d'explorer les chutes d'eau. Il y a tellement de chutes d'eau au Nouveau-Brunswick, et certaines sont très près de ma maison. L'autre jour, je suis allée à Split Rock falls! C'était magnifique, mais une randonnée très dur. Je vais probablement visiter un autre cette semaine.</p>
	Vocabulaire	<p>Find all the French vocabulary terms that are associated with something you love! Write them down as a list! These terms will be a mixture of adjectives, traits and verbs that come to mind when you think of your chosen thing.</p>	<p>Example: Les chats</p> <p>Fourrure, pattes, mignon, moelleux, griffes, friandises, chasse, souris, jouets, rayures, miaulement, ronronnement, sommeil.</p>
Reading	Reading about global issues	<p>Make an account on this site by entering your name and email. This website allows students to explore global topics such as hunger, clean water, renewable energy, equality, etc. through reading and activities.</p>	<p>Steps:</p> <ul style="list-style-type: none"> • Switch language to FRENCH at top right-hand corner (if not already) • Go to the "resources gratuites" tab and click on "toutes les ressources par objectif". • Pick a global issue to read about it in French! PDFs are easily viewed online or downloadable.
	Epic Books	<p>Mrs. Elliot has signed everyone up for Epic Books! Go Epic, click on students, type in the class code, and then find your name.</p>	<p>There are tons of French books available on Epic books, fiction and non-fiction. Find something that interests you!</p> <p>Class code:iej3195</p>

Speaking & Listening	French music	<p>Explore some French music on YouTube or listen to a local French radio station!</p> <ul style="list-style-type: none"> • Playlist1 • Playlist2 • Radio list (find a French station) 	<p>Find something you like and share it with a friend or family member! Check out these French artists:</p> <ul style="list-style-type: none"> • Coeur de Pirate • Stromae • Louane • Zaz • Black M
	Tongue Twisters	<p>Try to say these tongue twisters!</p> <ul style="list-style-type: none"> • As-tu vu le vert ver allant vers le verre en verre vert ? • Je suis ce que je suis, et si je suis ce que je suis, qu'est-ce que je suis ? • Cinq chiens chassent six chats • Cinq gros rats grillent dans la grosse graisse grasse • Pauvre petit pêcheur, prends patience pour pouvoir prendre plusieurs petits poissons. 	<p>Tongue twisters are a great way to perfect your French accent! They help with pronunciation and are fun to try! Start out slow and work your way up to a faster speed. Can you say each one 5 times in a row? How fast can you go?</p>

ELA		
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Choice Board Choose from these learning activities, for a total of 30 minutes a day.		
Category	Learning Activity	Instructions
Reading	Epic Books!	<p>Mrs. Elliott has signed everyone up for Epic! This is a great website for reading. https://www.getepic.com/sign-in</p> <p>Once you have reached the site, go to student login and use class code: iej3195</p>
	Types of poetry	Check out this link to learn about the different types of poetry.
	Reading Comprehension	<p>Read the poem The Road Not Taken by Robert Frost and respond to the poem using the questions below.</p> <ol style="list-style-type: none"> 1. When Frost arrives at the divergent paths in the woods, what is he physically seeing? Why is he sorry he cannot travel both? 2. "I looked down one as far as I could to where it bent in the undergrowth." Explain what the author was trying to do. What is it a metaphor for? 3. What path did Frost choose and why? 4. Frost keeps the second path for another day. What does he mean by this? Does he think he will ever come back? Why or why not? 5. When is Frost telling this story? 6. What is the main theme of the poem? What does the author want us to learn about his life?

		<p>7. Frost took the “road less travelled by” Explain the impact this has had on his life.</p> <p>To learn how Robert Frost used metaphors in his poetry, head to Mr. Mckinley’s blog and check out the comic resource.</p>
	Public Library	<p>Keep an eye on the public library as its opening SOON!</p> <p>The building will be open to go look at books but they also have an amazing online service. You can browse the books and request a “hold” on the books you want. They will send you an email when the book is ready for pick up! This allows you to borrow books from all over the province and does not limit you to the selection they have at Woodstock.</p> <p>All you need is your library card and this link:</p> 
Writing	Write some Poetry!	<p>Use this cool website to practice creating different poems of your own. Try a variety of poems. Feel free to send them to your teacher.</p> <p>https://www.poem-generator.org.uk/</p>
	Author Study: Sheree Fitch	<p>Check out this local author’s website. Sheree Fitch wrote the well-known books Purple Murple, and The Toes in My Nose, and uses poetry in her stories.</p> <p>https://shereefitch.com/</p>
	Log/Journal	<ul style="list-style-type: none"> •Keep a daily log/journal of what is happening in your life, your community, your country, or around the world. •Keeping a journal not only helps your writing, but can be very therapeutic
	Word Work	<p>Learn about the different styles of poetry with these great online games.</p> <p>http://www.wordgametime.com/subject/poetry</p>
Speaking & Listening	Listen to Poetry	<p>Listen to 3-5 poems of your choice and respond using the questions below.</p> <p>https://www.poetryfoundation.org/podcasts</p> <ol style="list-style-type: none"> 1. Which poem did you like and why? 2. Can you identify what type of poetry it is? 3. Did the author use any metaphors or similes? 4. What is the message/theme of the poem

Science		caitlin.curtis@nbed.nb.ca william.mckinley@nbed.nb.ca
Choice Board		
<p>Choose from these learning activities, for a total of 1 hour and 15 minutes per week, or about 15-20 minutes a day. This week we focus on The Earth’s Crust! Pick any of the activities you’d like to try. There are several links within the document to help you out. Remember that science is all about discovery and trying to find out how and why things work. Don’t be afraid to make your observations by taking pictures or videos.</p>		
Learning Activity	Instructions	
Research Volcanos		<p>Do some research on volcanoes.</p> <p>What are the main types of volcanoes?</p> <p>Where do volcanoes occur? What are some famous volcanoes? Learn about the birth of the Paricutin volcano.</p>

Pudding Cups!



Make some [Layers of the Earth Pudding Cups](#).
Teach your family about the Earth's layers with this easy dessert!

Earthquakes

Learn some [facts about earthquakes](#).
What are some [famous earthquakes](#)?
[Where to earthquakes occur?](#)

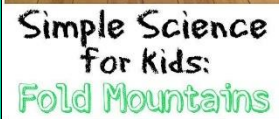


Ring of Fire



What's the [Pacific Ring of Fire](#)?
Does it have anything to do with Johnny Cash's song [Ring of Fire](#)?

Fold Mountains Experiment!



Try this Fold Mountain experiment.
Use some different coloured towels and lie them flat on the table. Put a couple of boxes or totes on either side of the towels and start pushing them together. Step back and see what you notice.

Learn [How Fold Mountains Form](#) in nature.



This [Fold Mountains](#) song might help you understand more about how mountains form.


Build a Volcano!



Who doesn't like volcanoes?
Maybe it's a Lego Volcano?
Maybe you build it out of clay and a bottle? Or aluminum foil and a glass jar? There are lots of ideas and instructions online.
Just be sure to clean up your mess!



<p>Layers of the Earth</p>	<p>Earth Structural Layer Cake</p> 	<p>The Earth is made of many layers. Do some research on The Layers of Earth.</p> <p>Can you make a cake to represent the layers of the Earth's Crust?</p> <p>Maybe build it out of clay or playdough? Or perhaps you can build a model out of Lego.</p> 
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 <p>hands-on science Earthquake Experiment</p>	<p>Check out this Earthquake Experiment</p> <ul style="list-style-type: none"> ▪ metal cookie sheet ▪ wooden blocks ▪ Lego bricks <p>Directions: First build a tower using blocks on a baking sheet. Second, Have two people sit on either side of the cookie sheet and shake it as if there were an earthquake. What happened? The metal cookie tray is meant to represent a tectonic plate and the shaking represents the shifting that happens with an earthquake. Now build a new tower approximately the same size out of lego. Like the first time, place it on the tray and shake. What do you notice? Are there structures that are built to stand up better in earthquakes? Do some research to find out!</p>
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SOCIAL STUDIES

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Choice Board

Choose from these learning activities, for a total of 1- 2 hours per day. Remember that Social Studies is all about inquiring about the world around us.

Learning Activity	Instructions	Considerations
<p>Explore a virtual museum!</p>	<p>Visit the Nova Scotia Museum.</p> <ul style="list-style-type: none"> • On their website, you can view images and descriptions of their geology, botany, zoology, ethnology, history, and archeology collections. • There are also plenty of virtual exhibits that can be explored. Through these you can learn a lot about the history and heritage of Nova Scotia! 	<p>Suggestion: Read about Nova Scotia and the Great Influenza Pandemic of 1918-1920 under the “Remembering the Forgotten Dead” exhibit.</p>

<p>TIMELINE</p>	<p>Order the invention of the following tools, technologies and materials from oldest to newest.</p> <p><i>Saw, pencil, spear, rake, coffee, hammer, clothing, fishing rod, pottery/ceramics, ruler, axe, canoe, clock, bridge...</i></p>	<p>Predict the order without using any resources first and think of the reasoning behind your choices. After you have your tentative timeline, go ahead and research the correct invention dates online or in books!</p> <p>Note: rather than research the answers you can compare and discuss with a classmate or talk about it with family.</p>
<p>Research</p>	<p>Pick a region of Canada and look up its geological features.</p> <ul style="list-style-type: none"> • What influence does the geology of the area (rocks/soil, etc.) have on the culture and economy? 	<p>Example:</p> <p>Newfoundland has many large and young rock formations and cliffs. These cliffs are enjoyed by many for hiking, biking and camping. They are also a huge part of the beauty of Newfoundland. Because of this rocky terrain and the soil type, the farming industry is not very successful there.</p>
<p>Explore the Universal Declaration of Human Rights (UDHR)</p>	<p>There are 30 articles in the declaration. A few examples can be found to the right. Each represents a commitment from the member countries of the United Nations to protect one human right.</p> <p>Pick one of the articles in the UDHR to explain. Draw and label a picture to help to describe the right you have chosen. Imagine that you are showing your drawing to a child. Your drawing should clearly teach them why the right is important, how it makes people feel when they have the right, or what life would be like without it!</p> <p>Want to read all 30 articles? Click here.</p>	<p>Article 4. No one shall be held in slavery or servitude; slavery and the slave trade shall be prohibited in all their forms. <i>Nul ne sera tenu en esclavage ni en servitude ; l'esclavage et la traite des esclaves sont interdits sous toutes leurs formes.</i></p> <p>Article 5. No one shall be subjected to torture or to cruel, inhuman or degrading treatment or punishment. <i>Nul ne sera soumis à la torture, ni à des peines ou traitements cruels, inhumains ou dégradants.</i></p> <p>Article 9. No one shall be subjected to arbitrary arrest, detention or exile. <i>Nul ne peut être arbitrairement arrêté, détenu ni exilé."</i></p>

<p><u>OTHER</u></p>	
<p style="text-align: center;">Art: sarah.shaw@nbed.nb.ca</p> <p>Cartooning Cartooning club on YouTube. Students can follow tutorials and draw a variety of their favorite characters from Marvel, Fortnite, Lego, Pokemon, etc. https://www.youtube.com/user/cartooning4kids</p> <p>Painting Try to follow a Bob Ross painting tutorial on <u>YouTube</u>! It is amazing the pieces of art he produces, and he makes it look so easy. Compare your finished piece to his – I did this and had a good laugh as it was certainly not exact. It is fun to practice painting techniques and using various color schemes.</p>	

What you will need: thick cardstock or canvas, paint (acrylic or oil), a paper or plastic cup of water, brushes, a piece of cardboard or a paper plate to mix paints.

Note: You can make canvas out of old jeans by stretching them over a frame or sturdy box and securing them. You can use old makeup brushes instead of paint brushes in a pinch too.

Physical Education Opportunities: June 1-5

Hello there everyone! I hope that you are all getting outside and keeping active. I am missing all of you and all the activities in the gym. Missing all your smiles, high fives and laughter. I have been keeping busy by mostly being outside and working in our gardens and walking. I am waiting for the water to get warm enough to swim!! That might be awhile!

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Walking around New Brunswick Challenge



Walk! Walk! Walk! The weather is getting beautiful and it is a great time of the year to walk and get some exercise. Mr. King and I are challenging you to keep track of your kms and log them on the MCS Facebook page as we attempt to collectively walk around NB. I am

challenging all family members to get involved in this activity. Let's see how fast we can do this! We'll keep you updated!

Here's a couple of [links](#) if you want more [activities](#) to keep you busy.

