



## Learning Opportunities for Grade 4 and 5

### Week of May 25<sup>th</sup>

**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 1 hour each day.

*From the Desks of Mrs. MacFarlane, Ms. Green,  
Ms. McLean*

[joanne.macfarlane@nbed.nb.ca](mailto:joanne.macfarlane@nbed.nb.ca)

Hi 4M, 4/5M and 5G, I have been busy digging outdoors in my flower beds. Andrew moved a maple tree from the bed below because it was growing towards the power lines. Now I am getting this empty space ready for some perennial plants. These are flowering plants that come back every year. I'll snap a picture of the bed once it's finished. Do you have flower beds at your house?



[lucy.green@nbed.nb.ca](mailto:lucy.green@nbed.nb.ca)

Hi All, Wow, the weather sure has been great lately! One of the activities that our whole family loves to do is go on our four wheelers. Above is a picture of Ms. Green enjoying herself on trip we took to last weekend. What is something you like to do to stay busy and enjoy this beautiful weather? I would love to hear from you, please email me at the address above. I miss you all!

[vicki.mclean@nbed.nb.ca](mailto:vicki.mclean@nbed.nb.ca)

Hi everyone, I miss you all! Last week I enjoyed the beautiful weather and got some work done in my flower beds, I still have a lot to do. I don't plant a garden, but I love to plant flowers. Some of my flowers are starting to bloom. Do you have a garden or flowers? I would love to see pictures from your adventures outside. It is hard to believe that May is flying by so fast and June will soon be here. I hope that you are all enjoying playing outside and doing some learning as well. Remember to look for the beauty around us whenever you can.



## Math

### Part 1: Math Facts and Mental Math

Continue to practice your facts **each** day (at least 10-15 minutes). Focus on **multiplication and division**, but also review **addition and subtraction**.

#### Online Fact Practice:

<https://www.multiplication.com/games>

[https://www.mathplayground.com/ASB\\_PenguinJumpMultiplication.html](https://www.mathplayground.com/ASB_PenguinJumpMultiplication.html)

Online programs (continue to use these programs, they are a fun way to practice and we love to see everyone's progress)

<https://www.splashlearn.com/>

<https://ca.ixl.com>



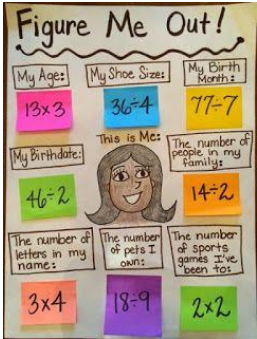

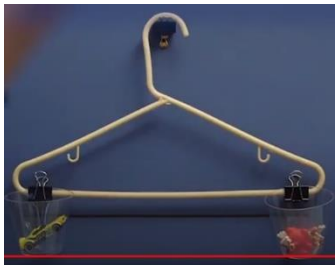
**Coding is a great activity for students.**

<https://code.org/> If your child is interesting in coding, this is a great website. You can sign up or they can create without signing up. It is a user-friendly website. Have fun!

Have you been using your **mental math**? Use some of your strategies to try and solve the following problems (remember you have your mental math strategies in your math binder)

- Gus loves to collect marbles. He saved his allowance and bought 14 bags of marbles. There were 20 marbles in each bag. How many new marbles does Gus have for his collection?
- A golfer hit the ball 250 meters and then 130 meters. How far did they hit the golf ball in total? (Don't forget the units of measure)

**Part 2: Math Choice Board:** Choose 3-4 **different** activities to complete this week.

<p><b>Mental Math</b></p> <p>The answer is 240. What might the question have been?</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;">240</div> <p>List different questions that have an answer of 240. Can you think of questions for each operation? +, -, x, ÷</p>	<p><b>3-D Prism Hunt</b></p> <p>Take a walk outside or around your house. Can you find any 3-D prisms?</p>  <p>Make a list and describe real life items that are prisms. You can make 3-D objects with toothpicks and mini marshmallows or clay. Sort your objects by prisms and not prisms. <a href="#">More STEAM Marshmallow Challenges</a></p>	<p><b>Fun with Money</b></p> <p>How many ways can you make \$3.25? Record each way. One example: \$2 + \$1 + 25¢ If you only use quarters how many would you need? If you only use nickels how many would you need?</p> 												
<p><b>Math about me!</b></p>  <p>Create your own Figure me out using multiplication and division and have someone figure you out. Ask someone at home to design one for you to figure out. Share a picture with your teacher if you can.</p>	<p><b>Which One Doesn't Belong?</b></p> <p>Find a reason why each one does not belong.</p> 	<p><b>Pictographs</b></p> <p>Read the graph below. Tell 3 facts from this data.</p> <p>☺ = 5 people</p> <table border="1" data-bbox="1089 968 1438 1167"> <thead> <tr> <th colspan="2">Favorite Fruit</th> </tr> <tr> <th>fruit</th> <th>votes</th> </tr> </thead> <tbody> <tr> <td></td> <td>☺☺☺☺☺☺☺☺☺☺</td> </tr> <tr> <td></td> <td>☺☺☺☺☺☺☺</td> </tr> <tr> <td></td> <td>☺☺</td> </tr> <tr> <td></td> <td>☺☺☺☺☺☺☺</td> </tr> </tbody> </table> <p>Interview family and friends to find out their favourite healthy fruit snack. Create your own pictograph to show the results.</p>	Favorite Fruit		fruit	votes		☺☺☺☺☺☺☺☺☺☺		☺☺☺☺☺☺☺		☺☺		☺☺☺☺☺☺☺
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<p><b>DIY Balance Scale</b></p> <p>Using materials from home, design your own scale like the ones found in the pictures below. Use your scales to</p> 	<p><b>Area of Garden</b></p> <p>The area of a rectangle garden is <math>24 m^2</math>. What could be the possible dimensions of the garden?</p> <p>List different possibilities.</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"><math>24 m^2</math></div>	<p><b>Design a Game</b></p> <p>Design a math game to practice multiplication and division. Think about other math games you have played in school or at home. Search online for ideas. What original math game could you create?</p> <p>Play your game with someone at home. Share a picture and</p>												

explore small objects that are heavier, lighter or about the same mass.

YouTube homemade balance scales for ideas.



description of your game with your teacher.



### Mini Project: Let's Eat

I love having a “take-out” meal with my family. Do you? Which restaurant is your favorite? McDonalds. Dairy Queen, Greco? Your task is to plan a takeout meal for your family. Pick you restaurant, check out their menu (most menus are online), and then find out what everyone would like to order. What will it cost to feed your family? Estimate the cost first. What is the final cost without tax? Were you able to find any online coupons (I always try to find coupons ☺) Enjoy your takeout meal!

\*You can use this DQ menu if you can't find one online.

### Menu Math

Combos	Sides	Treats
Bacon Cheese Grill Burger  \$3.89	Side Salad  \$2.19	Triple Chocolate Brownie  \$4.29
Original Double Cheese Burger  \$2.99	French Fries R- \$1.99 L- \$2.69	Pieced (Medium)  \$3.89
Chicken Sandwich  \$3.99	Onion Rings R- \$2.29 L- \$2.69	Cone (Medium)  \$2.29
Chili Dog  \$2.29	Cheese Curds R- \$3.79 L- \$6.39	Banana Split  \$4.29
Turkey BLT  \$4.59	<b>Drinks</b>  Small- \$1.59 Medium- \$1.79 Large- \$1.99	

## Literacy

- Link to read on Epic is <https://www.getepic.com/students>

4/5M & 5G - Class Code: izu1951

4M - Class Code: wny9102

**Tumble Books** is like our Epic subscription that we are currently using, your child may want to check this out to see if they can find some new books to read on this free site.

<https://www.princeedwardisland.ca/en/service/access-tumblebooks-e-book-collections>

**Literacy Websites:** These are free sites. They can be a fun way for students to work on their many different literacy skills. Enjoy!

<https://toytheater.com/category/language-arts/>

[http://www.sheppardsoftware.com/web\\_games\\_vocab.htm](http://www.sheppardsoftware.com/web_games_vocab.htm)

<https://www.abcya.com/>

**Anyone interested in CURSIVE WRITING worksheets? Here you go!**

<https://m.k5learning.com/cursive-writing-worksheets>

Students can continue to write in their memoir of this historical event journal or their gratitude journals. (Both of these were started in past weeks. Details can be found on the past learning opportunities or contact your teacher for further details).





Create a bug/creature using recyclables (or craft materials) from around your house. Write a paragraph describing your bug. Remember to ask a parent to email a picture of your creation and your write up to your teacher to be shared.



Ms. Green's creature

**Literacy Choice Board:** Choose 3-4 activities to complete this week.

<p>Draw pictures of what you see on a walk through your neighborhood. Label each of the pictures.</p> 	<p>Find a family heirloom or a meaningful family object (picture, dish, piece of art, photo). Draw a picture of the object or describe it. Write about why it is special to you and your family.</p>	<p>Create your own collection of sayings (figurative language) from a grandparent/parent or books you have read. Examples: It's raining cats and dogs, I have a frog in my throat, you're the apple of my eye, etc. Then try to use them in a conversation or in a piece of writing. <a href="https://examples.yourdictionary.com/examples-of-figurative-language.html">https://examples.yourdictionary.com/examples-of-figurative-language.html</a></p>
<p>Do you prefer playing indoors or outdoors? Make a pros and cons list.</p> 	<p>Write your own version of an I Spy story. Where would you go? What would you see? For extra challenge, add pictures and make it into a book. <a href="https://archive.org/details/mrzispy">https://archive.org/details/mrzispy</a></p> 	<p>Plan your weekly lunch menu. Make a grocery list that includes all the items you would need for the week. Don't forget to keep Canada's Food Guide in mind.</p> 
<p>Go through a photo album or photos on a phone and tell someone the story of that photo (beginning, middle, end, where it took place, who was there). Choose a different photo and tell or write a story that matches the photo.</p>	<p>Create "A Choose Your Own Adventure" or mystery story.</p> 	<p>Design awards for some of your family members. Think of their strengths or areas they have worked hard to improve. Present the awards at special family ceremony.</p> 

## Science: Part 1

### Ongoing Scientific Observation Activity (Week 7)

**Ongoing Weekly Procedure:** Return to your outdoor observation spot. Take your pencil and paper! Use a ruler to measure the growth of your chosen plants again this week. Then, spend your weekly 10-20 minutes quietly observing, drawing, and recording all the living and non-living things within your designated spot. Do you find that your descriptions and drawings are becoming more detailed each week? Have you included the date, time, and weather conditions for this observation? Don't forget to edit your work for spelling and neatness and label and color any diagrams or drawings.



May 11, 2020



May 18, 2020

Mrs. M's flower bed. This plant is a poppy.

A **habitat** is the place that provides everything a plant or animal needs to survive. Almost every part of the earth's surface is a habitat for some species. Deserts, forests, grasslands, and ponds are all examples of natural habitats.

**Habitat Reflection:** Choose 1 living thing from your chosen observation spot. What does your living thing need in order to survive in this habitat? What are some factors that cause this living thing to leave its habitat in search of a new one?

### Part 2 Inquiry Challenge: Stack the Stones

**The Challenge:** Design the tallest structure out of rocks.

**Materials:** 6-8 rocks

**Testable Question:**

If I \_\_\_\_\_, then my rock structure will be the tallest.

Hypothesis:

If I \_\_\_\_\_, then my rock structure will be the tallest because \_\_\_\_\_.

**Steps:** Design or plan out your structure and draw a picture of it.

Think about why your structure will be the tallest.

Make sure you label your picture. Create your structure with your chosen rocks.

Measure your structure and record the height in cm.

My structure was \_\_\_\_\_ cm tall.

**Observations:** I noticed ...

**Conclusions:** At first, I thought...but now I know...









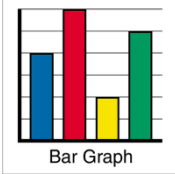
**Next Steps:** I still wonder...



**What could you do differently to make it even taller? Remember...just change one thing!**

**Part 3 Science Choice Board**

Choose 3 activities to complete with your family this week. After you have finished your three choices take a few minutes to reflect. Which activity did you enjoy the most? Why? Did this activity leave you with any new questions that you can explore further?

 <p>Put some seeds in a wet paper towel, place this in a Ziploc bag and hang in a window. Watch the seeds sprout.</p>	 <p>Complete the scavenger hunt that is included below. Try making your own Scavenger Hunt.</p>	 <p>Listen to the birds. Learn to identify specific bird sounds. You Tube has lots of great bird sound videos.</p>
 <p>Watch the movie “The Lorax”. How does this fictional movie relate to real life?</p>	 <p>Science you can Eat! Use Oreos to represent the phases of the Moon with this activity. <a href="https://sciencebob.com/oreo-cookie-moon-phases/">https://sciencebob.com/oreo-cookie-moon-phases/</a></p>	 <p>Build a ramp for a toy car. What variable can you change to make the car go further?</p>
 <p>Can you cook using the sun’s heat energy? <a href="https://blog.campingworld.com/at-the-campsite/diy-solar-oven-for-making-smores/">https://blog.campingworld.com/at-the-campsite/diy-solar-oven-for-making-smores/</a></p>	 <p>Interview a senior citizen about how technology has changed their world.</p>	 <p>Make a tally of car colours that go by in a half hour period. Create a bar graph to record the data. Don’t forget your title and labels.</p>



# OUTDOOR SCAVENGER HUNT



- Something that rattles
- Something with batteries
- Something with a tail
- Something from the mailbox
- Something stacked
- Something made of wood
- Something made of glass



- Something old
- Something from Christmas
- Something shiny



- Something round
- Something tasty



- Something cold
- Something orange
- Something with wings
- Something sticky



- Something wet
- Something with paws
- Something smaller than your thumb
- Something that makes you happy



- Something that makes noise
- A pair of something
- A set of three



- A rainbow
- A smile
- Ahhhh....smell that fresh air!



*Music with Mrs. MacLeod*  
*May 25<sup>th</sup> - 29<sup>th</sup>, 2020*



Hi everyone,

Oh my goodness! Some nice weather has finally arrived. I have my windows open on this sunny warm day. I am planning on getting some flowers for outside soon. Nothing says summer more than baskets of flowers and windows open.

I continue to miss seeing you at school and talking to you about how you are spending your days. Please feel free to email me and let me know what you are doing. I would love to have my inbox full of stories and pictures of you. Have fun with the activities below. Stay safe and healthy and know that I think about you every single day.

**karyn.macleod@nbed.nb.ca**



### **Activity #1**

**How coordinated are you? Are you good at keeping the beat and tapping rhythms? Here is a challenge for you!**

- 1. Write a rhythm on a piece of paper.**
- 2. Tap a steady beat with one of your hands.**
- 3. Tap the rhythm with your other hand while still keeping the beat.**
- 4. Play the rhythm and beat for as long as you can before you get mixed up.**

**Write different rhythms and keep trying it.**

**Speed it up. Slow it down.**

**Try tika tika.**

**Play the beat and rhythms with pencils on a bucket or table.**

**Switch the beat to the opposite hand.**

**(I find it easier to tap the beat with my left hand and play the rhythms with my right.)**



### **Activity #2**

Have you ever watched a tv show where two characters have their own secret handshake? Ever wanted to have your own handshake? Now you will!

Using body percussion (tapping your chest, clapping, stomping your feet, snapping, etc) create a handshake with someone in your family. Be as creative as you want. There are NO rules. I will want to see them and maybe even learn to do some of them when we get back to school.

### **Activity #3**

<https://musicplayonline.com>

Don't forget about this website if you have access to a computer and internet. This week check out the RHYTHM PRACTICE section (it is on the left hand side of the page). You can echo rhythms, read rhythms and play pattern rhythm. Have some fun with all different levels of difficulty.

## Physical Education At Home Learning May 25th

MCS families,

The past week has been amazing to be outside and being active. I think I spent more waking hours outside last week than I did inside. From mountain biking at Woolastook Park, to yardwork, to fiddle heading; our family was very active. As you have probably heard, teachers are returning to school next week. I am a bit uneasy about going back because the gym will be so cold and empty without all the smiling and energetic students in it. This will give me time to create many new activities for when all MCS students return. Which I cannot wait for!

Be active and safe!

Mr. Nathan King

[Nathan.King@nbed.nb.ca](mailto:Nathan.King@nbed.nb.ca)

### Fitness Around Your Home

Below is a list of various exercises, to move throughout your home.

1. Go to every room and do 15 jumping jacks.
2. Go to every room that has a TV and do 8 burpees.
3. How many beds do you have? Go to each bed and do 10 sit ups.
4. Go to each couch you have and do 15 squats.
5. Need a drink of water? For every sink do 10 push ups (they do not have to be done in the bathroom!)
6. Imagine there are mountains when you look out your window. Do 6 mountain climbers for every window in your home. Keep climbing!
7. Pick your favorite room and do a 45 second wall sit. What room did you choose?
8. Do you have any animals? Run in place for 30 seconds for each animal that you have.
9. Go up and down each set of steps 4 times each. How many sets of steps did you have to climb?

### Physical Activity Challenges

**Make It up Monday:** Make up a game where you must practice your throwing skills.

**Try It Tuesday:** Find 8 obstacles to go over, under, around and through.

**Wheelie Wednesday:** Review safety and road safety, then go skateboarding, biking or roller blading.

**Target Thursday:** Set up targets and practice kicking a pair of socks or a ball to knock them over.

**Family Fun Friday:** Create a dance or follow along. Who has the best dance moves?

### Wellbeing Challenges

**Physical:** Take your pet or a stuffy and a family member for a walk.

**Emotional:** Clean room in your house.

**Social:** Write a thank you note to someone and mail or email it them.

**Cognitive:** Learn a new skill or try a completely new game.

**Psychological:** Spend time outside listening to birds and noticing the awakening of new spring plants.

## Positive Thought



## Wellness Tip

Eat more vegetables and fruits.

Make water your drink of choice!



## Canada's Revised Food Guide



[https://youtu.be/DGQwd1\\_dpuc](https://youtu.be/DGQwd1_dpuc)

*Relaxing Music With Beautiful Nature - Enjoy!*

## Brain Teaser/Puzzle

Can you figure out the pattern?

6 + 4 = 210  
9 + 2 = 711  
8 + 5 = 313  
5 + 2 = 37  
7 + 6 = 113  
9 + 8 = 117  
10 + 6 = 416  
15 + 3 = 1218

**Good Manners Matter!**

*Hold a door open for others.*

To Make You Smile! 

TODAY'S NUMBER IS ZERO...



