



Centreville Community School



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Grade 8 HOME LEARNING PLAN - May 18th to 22nd

Grade:	8
TEACHERS	Grant Robinson, Iris Hitchcock, Kim Foster, Angela Taylor and Melissa Richardson
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In accordance with the communication sent from our Minister of Education, Dominic Carty, on April 2, 2020 Home learning opportunities to support literacy, numeracy, science and social studies outcomes will be made available online weekly by Middle School Teachers.

Families are encouraged to:

- Support their children to complete the options below for an average of **two hour per day**.
- Read aloud with their children daily; and
- Consider daily physical activity and free play as an important part of their child's mental health and skill development.

Subjects	Description of Learning Activities
<p>Literacy</p> <p>If you want to "pass in" your weekly writing piece to the group "English Language Arts 8-8F" in Microsoft Groups, under assignments, there are the weekly descriptions. I will provide feedback of what you're doing well and what you need to keep working on.</p>	<p>WRITING - Keeping a daily journal is a great way to get your thoughts down on paper about what you've been doing during the day, you can make up a story about whatever you want to write about or do an informational report about something you're interested in. It can be on paper or on the computer. Middle School students should be able to write at least $\frac{3}{4}$ to 1 page for each journal entry.</p> <p>For this week's special Writing piece, choose one of the following and write at least a page, with lots of details, description and million-dollar words. Do your very best work!!!</p> <ol style="list-style-type: none"> 1) Imagine that you found a magical coin when you were digging a hole in the garden. This coin gives you three wishes. What would those wishes be? 2) Imagine that each season was a person. Describe each season (what he/she looks like, his/her behavior, and how they interact with humans and animals). <p><u>For everything you write:</u> please remember to use periods/punctuation, capital letters where they are needed and check your spelling of words you're supposed to know. I put a picture of the Writing Traits that are up on my bulletin board for Grades 6 and 7. Grade 8's can use the Grade 7 ones. They're pretty much the same for all Middle School students. <u>Please make sure you are using the Writing Traits list and check your work over to make sure you're doing the best you can do.</u></p>

You can also email your work to me at: iris.hitchcock@nbed.nb.ca

Your Reading Response assignment is in there too, if you want to send it to me.

READING – You should be reading at least 30 minutes each day. This could be any of the following: books, magazines, newspapers (yes, they still make paper ones but you could read online news too), online blogs, articles, e-books (borrow some from the public library). You could read to younger siblings too. Once a week, I would like you to write a response to something you have read. You could tell something about the characters, setting, what is happening in the story, any interesting words you find, your favorite/least favorite part or predict what will happen in the next part of the book. If you are reading non-fiction (informational) material, tell 4 things you learned that you didn't know before or something you already know that wasn't in the article.

Weekly Word Challenge:

Make as many words as you can from the letters below. **Words that are NOT allowed:** proper names and places, abbreviations, texting slang. Please make a list of the words you can find and send it to me.

S P R I N G T I M E

Grade 8 Numeracy

If you have any questions about the Numeracy activities, please contact -

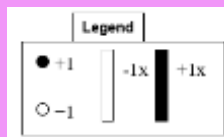
Kim Foster
kim.foster@nbed.nb.ca

May 18th to May 22nd – Offline Math Choice Boards (Grade 8)

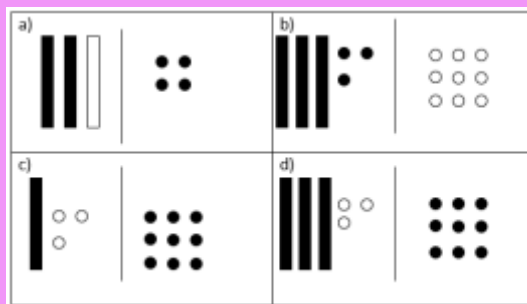
Monday Tuesday Wednesday Thursday Friday

Eric sells hot dogs at the park. Each week, he pays \$120 for an operating license. He makes a \$2 profit for each hot dog he sells. An equation for the relation is $P = 2n - 120$, where n represents the number of hot dogs Eric sells, in one week, and P represents his weekly profit in dollars.

How many hotdogs does he have to sell each week to break even?



Which illustration represents the equation $3n - 3 = 9$? Solve the equation.



Finish the table of values for the relation above.

Can you graph the table?

What do the negative values for P represent?

N (number of hotdogs sold)	P (profit)
0	-\$120
20	
40	
60	
80	
100	
120	

Look at the algebraic expressions and equations below. Which are expressions? Equations?

How do you know?

$5x = 65$	$z + 3 = 9$
$y + 8$	$3q - 5 = 19$
$3a - 6$	$\frac{p-4}{2}$

Solve by a method of your choice.

- a) $d + 9 = 23$
- b) $\frac{p}{4} = 6$
- c) $3c - 5 = 16$
- d) $2x + 3 = 17$
- e) $4y = 52$
- f) $2e + 7 = 31$
- g) $5a = 35$
- h) $x + 7 = 13$
- i) $p - 8 = 15$
- j) $2z - 3 = 13$
- k) $3d + 7 = 19$
- l) $4c - 1 = 19$

Solve each equation. Illustrate or explain how you solved each of them.

- a) $p + (-6) = 5$
- b) $t + 4 = -10$
- c) $3b - 2 = 10$
- d) $2n + 1 = 11$
- e) $6x - 24 = 36$
- f) $5n - 5 = 20$
- g) $n + 8 = -11$
- h) $\frac{h}{-9} = 4$
- i) $48 = 2r + 8$

Math facts

Daily Practice, 10 minutes

Use the attached game board to play Tic Tac Toe. Change the facts as needed and play again. Keep a list of the math facts you have mastered and use the ones you still need to work on. Challenge: Use the perfect squares to 20 for your math facts.

Tic Tac Toe

Mixed Multiplication Set

a game for 2 players

Need: counters in 2 different colors or symbol cards

Take turns to answer a multiplication fact. If you are correct cover the square with a symbol card or counter in your color. The first player to make 4 in a row vertically, horizontally or diagonally, is the winner.

Try the Variation: The winner is the first player to make a square of 4 small squares



XO

6×9	2×10	5×6	8×5
7×3	9×4	4×6	7×10
5×4	7×9	4×9	8×7
10×4	8×3	9×8	5×8



How to Play: Play alone or with a partner. Decide which player will go first.

1. Player A chooses a square on the board and places a counter on that square. She calculates the answer and records it on paper. **2.** Player B chooses a square, places his counter on that square, then calculates the answer. **3.** Player A chooses another square. After calculating the answer, she adds the answer to her previous total. **4.** Play continues until one player reaches 50. If you are playing alone, find the least amount of squares that you will need to cover in order to reach 50 points. **5.** Play another round, this time switching who plays first. **Variations:** The winner must get a score of exactly 50. Choose a number greater than 50 as the goal.

$\frac{1}{2}$ of 20	$\frac{1}{3} \times 18$	$\frac{3}{4}$ of 12	$\frac{2}{10} \times 110$
$\frac{4}{5}$ of 5	$\frac{3}{2}$ of 6	$\frac{5}{6}$ of 12	$\frac{1}{12}$ of 60
$\frac{3}{8} \times 24$	$\frac{4}{3}$ of 3	$\frac{9}{10} \times 10$	$\frac{2}{5}$ of 15
$\frac{8}{3} \times 3$	$\frac{5}{10}$ of 16	$\frac{1}{9}$ of 36	$\frac{1}{20} \times 200$
$\frac{2}{3}$ of 9	$\frac{1}{50} \times 200$	$\frac{7}{8} \times 8$	$\frac{4}{10}$ of 20

May 18th to May 22nd – Online Math Choice Boards (Grade 8)

Monday	Tuesday	Wednesday	Thursday	Friday
Game 1 – Equivalent Ratios.	Game 2: Equivalent fractions	Game 3: Adding Fractions	Game 4: Area and Perimeter	Game 5: Rotations
Probability		Dirt Bike Proportions		Transformation Workshop

IXL Online Practice - I have a 30-day free trial and have set all middle school students up with a username and password. If you didn't receive the email from IXL with this information, please let me know and I will forward it to you for your child.

I have tagged the activities, right in IXL, that your child may wish to try. The headings listed below tell sections relate to the learning activities for the week.

Click this link to go to Grade 8 IXL online activities: [IXL Online Practice for Grade 8](#)

Expressions and properties	Expressions and properties	One-variable equations	One-variable equations	Linear functions
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Two math books that you might like to check out:

[Math Curse Read Aloud](#)

[Mr M's Math Class: Special Read Aloud Edition: "The Number Devil": Chapter 1](#)

May 18th to May 22nd – Online Math and Tech Games (Grade 8)

Some Middle School Web Sites for Math, Tech and/or Science

www.everfi.net

[Sumdog](#) (I only have passwords for grade 6)

[Hour of Code](#)

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

Check out the [Code.org](#) resources for students at home

And take a weekly [Code Break](#) every Wednesday with special guests!

Sources for offline and online learning:

Tic Tac Toe games borrowed from <http://web1.nbed.nb.ca/sites/ASD->

[W/fms/Teachers/Documents/FMS%20Learning%20Opportunities%20Grade%208%20May%2011-15,%202020.pdf](http://web1.nbed.nb.ca/sites/ASD-W/fms/Teachers/Documents/FMS%20Learning%20Opportunities%20Grade%208%20May%2011-15,%202020.pdf)

Grade 8 Social Studies

If you have any questions about the Social Studies activities, please contact -

Melissa Richardson
melissa.richardson2@nbed.nb.ca

If you would like to submit your completed products for feedback, you can email the doc or pic to the above email address.

Feel free to upload them to Microsoft Groups, under assignments, as well. A Social Studies 8 - 8F group has been activated for those who are interested.

The Klondike Gold Rush

Research the Klondike Gold Rush by:

watching the following videos:
↪ <https://www.youtube.com/watch?v=57zvk-YIWOW>
↪ <https://www.youtube.com/watch?v=YFfIJCrZtGE>
↪ https://www.youtube.com/watch?v=VFrKos_xZLO

visiting these websites:

↪ https://kids.kiddle.co/Klondike_Gold_Rush
↪ <https://www.history.com/topics/westward-expansion/klondike-gold-rush>
↪ <http://www.virtualmuseum.ca/sgc-cms/expositions-exhibitions/klondike/English/main.html>

and/or reading the information provided below

Product: Writing a Newspaper Article

Faith Fenton, whose real name was Alice Freeman, was one of Canada's pioneer female newspaper writers. She was born in Bowmanville, Ontario in 1857 and died in Toronto in 1936. In between, she lived a life of adventure and success as a writer. She spent about seven years in the Klondike and filed many reports about the gold rush for newspapers across Canada.



Your assignment is to write a newspaper article about life in the Klondike, told as if you were there. Make sure to add an illustration (photo or map) from the internet or draw one of own. Don't forget to include a title for your story and a byline (your name)!

THE KLONDIKE GOLD RUSH

PART 1

Canada is the fourth largest gold producing country in the world. Many people, though, if you mention "gold" and "Canada" in the same sentence, will think of the world famous Klondike Gold Rush of the late 1890's. The area of the Klondike was located in what we now call Yukon Territory.

The nineteenth century gold rushes caught the imagination of the public. Novels and poems were written about them and stories of striking gold appealed to those who wanted to "get rich quick". Gold had been found in Canada before the Klondike rush - in Nova Scotia in 1858 and in Ontario in 1866. Several deposits of gold had been found in British Columbia, one not very far from the Klondike.

Even in the 1870's and 1880's it was known that gold could be found in the Yukon River and its tributaries. Men flooded in, mostly from the United States, looking for a fortune in gold that would make them wealthy. They were known as prospectors. In 1896, three men, George Carmack (an American), Dawson Charlie and Skookum Jim (two indigenous men) found gold in Rabbit Creek. The creek, soon known as Bonanza Creek, was a tributary of the Klondike River.

The prospectors who were already in the northwest abandoned their settlements and headed to Bonanza Creek. Word about the find had spread beyond the local area by the following summer, and soon men were pouring into the Yukon by the thousands. Most of them came from the United States but many were from other parts of Canada and even from Europe. "Gold fever" drove the men to risk their savings, their relationships, and even their lives to find that elusive cache of gold.

The Klondike gold rush lasted only a few years. In 1899 gold was found near Nome, Alaska, and eight thousand people suddenly left Dawson City, the town that had grown out of the gold rush in the Yukon. Most of those people never returned. To make things worse, in the same year, Dawson City had a huge fire and over a hundred buildings were destroyed. The settlement was rebuilt and is still a thriving town today.



This photo of a prospector with his packhorse was taken between 1897 and 1899.

Even though the gold rush did not last a long time, the Klondike legend lives on. The discovery of gold led to the establishment of the Yukon Territory in 1899. Today the territory, known as Yukon, with its capital at Yellowknife, has a population of just over 30,000 people. The fur trade and small mines (but not of gold!) make up the main part of the economy.

Science

If you have any questions about the Science activities, please contact -

Melissa Richardson
melissa.richardson2@nbed.nb.ca

If you would like to share your finished work, I would love to see it! You can simply email the document or a picture of your work to the above email address.

Feel free to upload them to Microsoft Groups, under assignments, as well. A Science 8-8F group has been activated for those who are interested.

Watch the "[Bill Nye the Science Guy: Rocks and Soil](https://www.youtube.com/watch?v=34mquU3nBfY)" Video on YouTube <https://www.youtube.com/watch?v=34mquU3nBfY> and answer the following questions. You can number the 15 answers and email them to Mrs. Richardson.



Name _____

Date: _____



Rocks and Soil

Directions: While watching the video, use the word bank to fill in the blanks.

different	rocks	sedimentary	top	waves
diamonds	igneous	water	rain	carbon
molten	conglomerate	plates	metamorphic	soil

1. The whole world is covered with _____.
2. All the rocks in the world used to be melted, or _____, rock.
3. Wind and _____ moving over the earth's surface break rock down into sand.
4. _____ comes from dirt, which comes from rocks.
5. Different rocks are formed in _____ ways.
6. _____ rocks are often formed when hot lava drips down the side of volcanoes.
7. _____ rock often have layers in it.
8. _____ rock is a combination of the other two types of rock, and is formed through heat and pressure.
9. The earth's surface is made up of gigantic _____ of rock.
10. Freezing _____ can expand and split a rock apart.
11. A _____ rock is made up of a bunch of different rocks combined together.
12. The action of _____ can break rocks down into sand, creating sandy beaches.
13. Farmland has _____ soil, which has a lot of living things in it.
14. _____ are formed in the neck of volcanoes.
15. Coal and diamonds are both made of _____.

Physical Education

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Phys. Ed. activities for middle school students will be posted by Mr. Robinson weekly. You can find these under "Class Announcements > Phys Ed 6-8" on the school website.