



Centreville Community School



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Grade 6 HOME LEARNING PLAN

Grade:	6
TEACHERS	Grant Robison, Iris Hitchcock, Kim Foster, Angela Taylor and Melissa Richardson
Chris Sparrow	Principal : Christopher.Sparrow@nbed.nb.ca
Kori Springer	Resource: Kori.Springer@nbed.nb.ca
David Mahar	Guidance: David.Mahar@nbed.nb.ca
School	CentrevilleCommunity@nbed.nb.ca

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 6-6R" in Microsoft Groups, under assignments, there are the weekly descriptions. I will provide feedback of what you're doing well and</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>April 22 was the 50th Anniversary of Earth Day, so for your weekly special Writing piece, do one or both of the following:</p> <ol style="list-style-type: none"> 1. Using the 5 Rs in this image, create a list of ways we can help our Earth. 2. Make your own personal list of rules for having a clean environment.



what you need to keep working on. 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.

For everything you write: 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. **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.**

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.

Proofreading Practice

Find the capitalization errors (some should be capital letters but aren't and some are capital letters but shouldn't be):

1. Walt disney created the star of a Cartoon called steamboat willie. The name of the star was mickey mouse!
2. horrible hilda hears hairy harry holler.
3. The largest planet in the Solar System is named jupiter.
4. the wright brothers' famous flight at kitty hawk, north carolina, lasted less than Two minutes.
5. One of the most popular books of All Time is harry potter and the sorcerer's stone. The Author's name is j.k. rowling.

Grade 6 Social Studies

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

Melissa Richardson
melissa.richardson2@nbed.nb.ca

The Suez Canal

Research the history and the importance of the Suez Canal to the middle east by viewing the following videos:

<https://www.cnbc.com/video/2015/09/23/before-the-suez-canal-was-even-created.html>;

<https://www.youtube.com/watch?v=qLu5h11NGgw>;

<https://www.youtube.com/watch?v=d6o-nKO7aR4>;

<https://study.com/join/classroom.html?code=slate-spider-9631> (classroom code: **slate-spider-9631**);

visiting the following website:

<https://kids.britannica.com/students/article/Suez-Canal/277946>;

https://kids.kiddle.co/Suez_Canal;

and/or reading the information sheet below.

Assignment: Create a newspaper article, complete with a headline, subtitles & quotes, which explains why the Suez Canal is so important to the Middle East. Feel free to add illustrations or other details to make your article look as much like a newspaper as possible. (11 x 8½ paper)



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 6 - 6R group has been activated for those who are interested.

The Middle East

The Suez Canal

A historical viewpoint - Direct Quote

"Whosoever commands the sea commands trade; whosoever commands the trade of the world commands the riches of the world, and consequently the world itself." Sir Walter Raleigh (1610)

☞ If the Englishman Sir Walter Raleigh were alive in the 1800's, why he might support building the canal?

Historical Importance of the Canal - History Website Summary

The opening of the Suez Canal in 1869 transformed world shipping. It was an important technological achievement that expanded global trade by making sea routes much shorter. Before the canal was built, ships traveling between Europe and Asia had to sail around the southern tip of Africa, a voyage of 10,000 miles. The Suez Canal meant that the trip from London, England to Bombay, India was shortened by more than 4,000 miles. The canal saved nearly two months of transit time on a one-way trip. As air travel did in the 1900's and computer technology is doing today, canals made the world feel like a much smaller place.

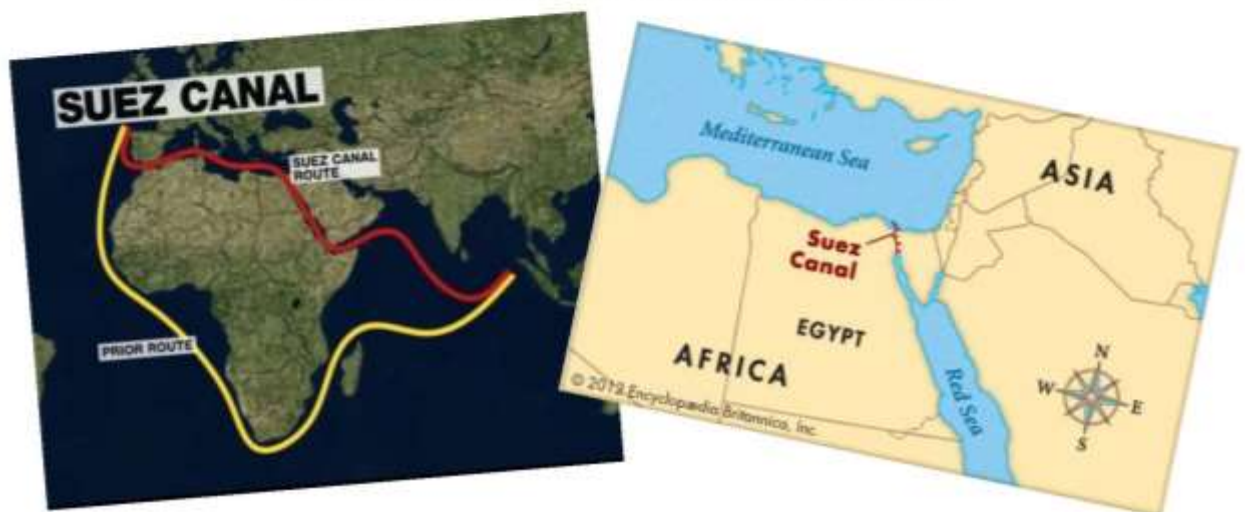
The construction of the Suez Canal supported European and United States economic, political and military domination of other regions of the world. It also encouraged nationalist ambitions. Egyptians hoped the canal would lead to a renewed power in the eastern Mediterranean. The French believed the canal would advance their status in the world. British merchants and businessmen invested in the canal with an eye on global economic domination.

☞ Think about the simile: *The Suez Canal is like the internet because they make the world feel smaller.*

"A Big Shortcut. World Ditch: The Making of the Suez Canal" -The New York Times, 11-22-164

"In order to understand the historical importance of the Suez Canal, one must look at a map of the world. . .

One can see at once that the opening of a passage between the Mediterranean and the Red Sea was a matter of immense strategic and economic importance, for it created an alternate route from Europe to the East, both for potential traders and for warriors. The discovery of the Cape of Good Hope route had led to a shift of commercial supremacy in the Eastern trade from Mediterranean to Atlantic ports. Thus it is not surprising that the idea of digging a canal through the 100-mile strip of desert which separated the Mediterranean from the Red Sea held a special appeal. . ."



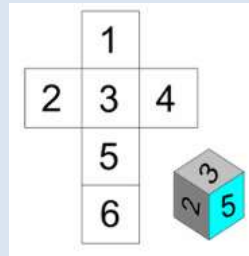
Grade 6 Numeracy

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

Kim Foster
kim.foster@nbed.nb.ca

April 27th to May 1st – Offline Math Choice Boards (Grade 6)

Monday	Tuesday	Wednesday	Thursday	Friday
<p>My friend has 5 cats, 3 goldfish and 2 hamsters. Write as many different ratios as you can comparing these numbers. Make sure you explain your choices. Choose at least one of your ratios and write the numbers used as a fraction. Remember that only part to whole ratios can be written as a fraction. (Ex: part to part - 5:3:2 is cats—goldfish-hamsters; or part to whole 3:10 is goldfish to all or $\frac{3}{10}$ as a fraction)</p>	<p>Remember these basic benchmarks:</p> <ul style="list-style-type: none"> - 100% is all; - 50% is half; - 25% is a quarter - 75% is three quarters; - 33% is a little less than a third. - 67% is a little more than two thirds <p>Jane is covering her entry way floor with tiles. The cost of covering the whole floor is \$84. How much will she have spent on tiles when 25% of her floor is covered? Use a number line to help model.</p> <p>\$0 \$42 \$84</p> <p>0% 25% 50% 75% 100%</p> <p>Jane is now painting her walls in her living room. The cost of painting the whole room is \$150. How much will she have spent on paint when 75% of her room is painted? Use a number line (like the one above) to help you model.</p>			<p>Look at a news article and an advertisement in either a newspaper, magazine or online. Consider for each item that you look at about what fraction of the area of the page is covered by pictures? What fraction of the area is not covered by pictures? Are these fractions the same or different? Why do you think that is? Tell someone your method for figuring out your fractions. Can you figure out what each of your fractions are as a percent?</p>
<p>The ratio of boys to the total number of students in the class is 13:28. How many girls are in the class?</p>	<p>You solve a problem involving the multiplication of 2 two-digit numbers, and the product is about 300. What might the problem be?</p>	<p>Find a small sized box. (about the size of a Kleenex box) Sketch as many different nets* as you can of the same box. Using a ruler, find the length and then the area of each side of your box and label it. What is the total area of your box? (This is called surface area.)</p>		<p>Find repeating patterns based on translations* somewhere around you. Consider looking at items such clothes, wallpaper, bedsheets.</p>



*Net: A pattern that you can cut and fold to make a 3D shape. This is the net of a number cube:

*Translation; also called a slide - an action that moves every point on a shape the same distance and in the same direction.

April 27th to May 1st – Offline Math Choice Boards (Grade 6)

Math facts

Daily Practice, 10 minutes

Make cue cards with multiplications from 1×1 to 12×12 on the front of the cards. On the back of the cards, write the answers. Use these to practice multiplication skills! (For a challenge, you can time yourself and see how many you can get right in a certain amount of time and set a goal to see your improvement!)

Offline Games

Probability Dice Game or **Roll Out Fractions** – See week of April 20th for directions

Play Multiplication War! Or **Play Addition War!** – See week of April 14th for rules.

April 27th to May 1st – Online Math Choice Boards (Grade 6)

Monday	Tuesday	Wednesday	Thursday	Friday
<u>Game 1: Equivalent Ratios.</u>	<u>Game 2: Equivalent fractions</u>	<u>Game 3: Percents</u>	<u>Game 4: Area and Perimeter</u>	<u>Game 5: Rotations</u> <u>Game 6: Transformation Workshop</u>

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 6 IXL online activities: [IXL Online Practice for Grade 6](#)

Ratios and rates	Percents	Percents	Geometric measurement	Symmetry and transformations
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A chance to practice your multiplication skills:
[Mr. Boyd reads: Math Potatoes "Yay Potatoes!"](#)

April 27th to May 1st – Online Math and Tech Games (Grade 6)

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:

A Guide to Effective Instruction, Geometry and Spatial Sense Grades 1-3, Ministry of Education, 2016

A Guide to Effective Instruction, Data Management & Probability, K-3, Ministry of Education, 2007

Open Questions for the Three-Part Math Lesson - Number Sense and Numeration: Gr. 4-8 M. Small

Open Questions for the Three-Part Math Lesson – Measurement/Patterning and Algebra – Grades 4-8 M. Small

Teaching Student-Centered Mathematics Gr. 6-8 John Van de Walle,

Making Math Meaningful Marion Small, 2013

Box Cars and One-Eyed Jacks Jane Felling

What to Look, Alex Lawson

<https://schools.wrdsb.ca/athome/learn/elementary-2/healthy-active-living/ Jo Boler, YouCubed website:>

<https://www.youcubed.org/tasks/paper-folding/>

“The Roll Out Fractions Game: Comparing Fractions” by Enrique Ortiz in [Teaching Children Mathematics](#), August 2006

Grade 6 Science

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

Angela Taylor
angela.taylor@nbed.nb.ca

Design Your Own Garden

This assignment may be done on paper, typed in Word, designed in PowerPoint, created in Minecraft, with cardboard, in your garden or any other format you can think of. *Be creative.* Use this opportunity to begin planting your own garden.

Ask – Define the Problem
Design a garden

Imagine – Research different types of gardens (raised beds, greenhouses, large farms, family gardens).
What equipment will you need for your garden?
How will you keep your garden safe from predators, large and small? What other problems could arise?

Plan – Step #1 Design your garden. Do you have raised beds for your herbs? How many rows do you have? Is this a vegetable garden? A flower garden?
Step #2 Make a list of ALL the equipment and materials you will need.

Create – Build a model of your garden. Use items you have around the house. (paper, cardboard, recyclables, popsicle sticks, rocks, etc) Or create the model by drawing it and painting or colouring it. You can also create your model in Minecraft.

Improve – What are the best parts of your garden? Are there any problems with the design of your garden? What areas can you improve on? What would you change for next time? How does your garden compare to other gardens you have seen or created in the past? What suggestions would you give to a friend who is designing a garden? Can someone use this design for a real garden? Why or why not?



Engineering Design Process



Physical Education

Grant Robinson
Grant.Robinson@nbed.nb.ca

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.