



Centreville Community School



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Grade 8 HOME LEARNING PLAN

Grade:	8
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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 and numeracy outcomes will be made available online weekly by 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>Grade 8 Literacy</p> <p>If you have any questions about the Literacy activities, please contact-</p> <p>Iris Hitchcock iris.hitchcock@nbed.nb.ca</p>	<p>WRITING - Keeping a daily journal is a great way to get your thoughts down on paper, about what is going on in the world these days, having to stay home, or whatever you're thinking about. 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. For this first week of official learning from home, I would like you to write a review of a movie/TV show you have watched in the past few days. Please include the name of the show, the characters involved and a short summary of the plot (what happened). Tell what you liked/disliked about it and why someone else should/shouldn't watch it.</p> <p>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 of Middle School.</p>

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.

**Grade 8
Social Studies**

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

Melissa
Richardson
melissa.richardson2@nbed.nb.ca

History of the Titanic - Research the Titanic by viewing this video: https://www.youtube.com/watch?v=b0L_2jKEbA4, visiting this site: <https://www.natgeokids.com/nz/discover/history/general-history/would-you-have-survived-the-titanic/>, or reading the attached worksheets (Grade 8 The Titanic page 1 and 2.pdf).

⇒ Think about the following questions, and create either a mini-poster or comic strip to represent your knowledge about sinking of the Titanic:

- What new information did you learn about the era of the Titanic?
- Where was the Titanic built? Why do you think it was built there?
- What was the planned route of the Titanic after it left Northern Ireland?
- When did the Titanic leave Southampton?
- Where and when did the liner hit the iceberg?
- What were some things that played a part in the sinking of the Titanic?




Grade 8 Numeracy

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

Kim Foster
[kim.foster@nbed.n
 b.ca](mailto:kim.foster@nbed.nb.ca)

Math Choice Board (Grade 8)

Monday	Tuesday	Wednesday	Thursday	Friday
At Chapters, 4 paperback books cost \$18. What would 7 books cost? How many books could be purchased with \$54?	Using toothpicks and playdough/ marshmallows or modelling clay, make a prism that has perpendicular faces and a prism that does not have perpendicular faces. Use a tool to show that your figures work. Is one of your prisms a right prism?	What is the largest possible area (in cm^2) for a rectangle with a perimeter of 120 cm?	If the mean, median, and mode are all equal for the following set, what is the value of x ? {3,4,5,8,x}	Place the numbers 1, 2, 3,..., 9 one on each square of a 3x3 grid so that all the rows and columns add up to a prime number. How many different solutions can you find?
Four Fours Game. Use exactly four 4's to form every number from 0 to 50, using only the operators +, -, x and \div Example: $44 - 44 = 0$ $44 \div 44 = 1$ $4/4 + 4/4 = 2$	Which One Doesn't Belong? 	What is the total possible surface area (in cm^2) for a cube with a side lengths of 3cm?	If 460 is 100% of the number, then: _____ = 50% _____ = 25% _____ = 75% _____ = 10% _____ = 1% _____ = 0.1% _____ = 21% _____ = 5% _____ = 86%	If 390 is 50% of the number, then: _____ = 100% _____ = 25% _____ = 75% _____ = 10% _____ = 1% _____ = 0.1% _____ = 21% _____ = 5% _____ = 86%
Game 1: Addition of Integers	Game 2: Multiply Fractions	Game 3: Logic (find the individual price)	Game 4: Addition of Integers	Game 5: Area
IXL - Online Practice Ratios, rates and proportions I.1 Understanding ratios I.2	IXL - Online Practice Ratios, rates and proportions I.5 Unit rates I.6 Compare ratios: word problems I.7	IXL - Online Practice Ratios, rates and proportions I.9 Do the ratios form a proportion: word problems I.10	IXL - Online Practice Percent K.1 Convert between percents, fractions and decimals K.2	IXL - Online Practice Percent K.6 Percents of numbers and money amounts K.7

Identify equivalent ratios I.3 Write an equivalent ratio I.4 Equivalent ratios: word problems	Solve proportions: word problems I.8 Do the ratios form a proportion?	Solve proportions I.11 Estimate population size using proportions I.12 <u>Scale drawings: word problems</u>	Compare percents to fractions and decimals K.3 Find what percent one number is of another K.4 Find what percent one number is of another: word problems K.5 Estimate percents of numbers	Percents of numbers: word problems K.8 Compare percents of numbers K.9 Solve percent equations K.10 Percent of change K.11 Percent of change: word problems
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Please note that math sites may require logons to be created and, at this point IXL math is free.

Source for green links above: IXL Math <https://ca.ixl.com/math/grade-8>

Check out the Learning at Home link below for additional resources to support both online and offline learning opportunities.

https://www2.gnb.ca/content/gnb/en/departments/education/learning_at_home.html

Some Middle School Web Sites for Math and/or Science

If your child requires their personal login and password for the first two sites, please contact me and I will send them out as needed.

www.everfi.net

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

[Hour of Code](#)

<https://www.netmath.ca/en-ca/request-for-a-free-access/>

Some Middle School Web Sites for Tech

If your child requires their personal login and password for the site, please contact me and I will send them out as needed.

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

[Hour of Code](#)

Offline Games for 6-8 Math

Play Multiplication War! (for two or more players)

Take at least one deck of cards and remove the Jacks, Queens and Kings. (OR Jacks = 10, Queens = 11 and Kings = 12) Shuffle the cards and deal them out evenly among the players. Each player flips over two cards at the same time. Players say their product. The winner of the hand is the person with either the highest or lowest product. (They must decide at the start of the game if the winner will be highest or lowest product.) If they have the same product (ex: $8 \times 3 = 24$ and $6 \times 4 = 24$) then war is declared and they each flip over two more cards.

The winner is the person with the most cards at the end of the time you have to play.

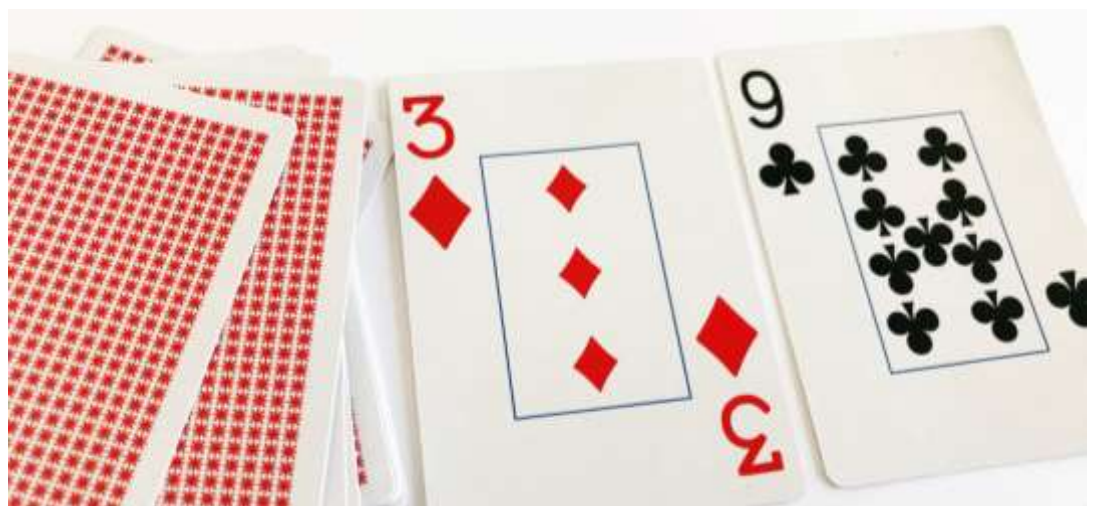
Play Addition War! (for two or more players)

Take at least one deck of cards and remove the Jacks, Queens and Kings. (OR Jacks = 10, Queens = 11 and Kings = 12) Each player flips over two cards at the same time. Players say their sum. The winner of the hand is the person with either the highest or lowest sum (They must decide at the start of the game if the winner will be highest or lowest sum.) If they have the same sum (ex: $8+3 = 11$ and $7+4 = 11$) then war is declared and they each flip over two more cards.

The winner is the person with the most cards at the end of the time you play.

Some Numeracy Resources:

Adapted with permission from **Petra LeDuc**, from **Waterloo Region Catholic School Board**.



Grade 8 Science

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

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Buoyancy - What makes something sink or float?

⇒ Watch the following videos:

<https://www.youtube.com/watch?v=dcQR6vV1Sgo>,

<https://www.youtube.com/watch?v=-HZBusjP0uw>,

or visit these websites:

<https://study.com/academy/lesson/buoyancy-lesson-for-kids.html>,

<https://mocomi.com/buoyancy/>

⇒ After learning the basics about buoyancy try the following experiment:

<https://www.youtube.com/watch?v=zszw6uCiQpc>

1. Fill the three containers with tap water.
2. Add some salt in the second container and more salt to the third container. Stir it well with a tablespoon until the salt has completely dissolved in the water.
3. Place one egg in each of the containers and observe what happens
4. How much salt is needed to make an egg float?
5. Why does this work?



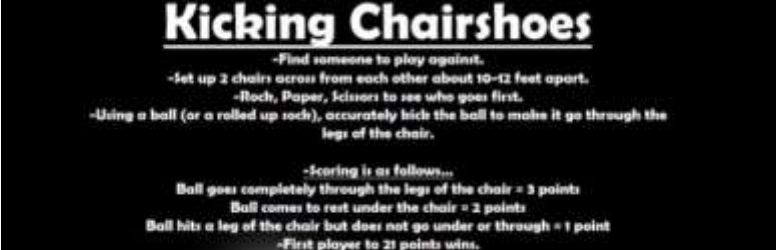
Physical Education

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

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grant.robinson@nb.ed.nb.ca

Monday: Easter Monday

Tuesday: Kicking Chairshoes



Kicking Chairshoes

- Find someone to play against.
- Set up 2 chairs across from each other about 10-12 feet apart.
- Rock, Paper, Scissors to see who goes first.
- Using a ball (or a rolled up sock), accurately kick the ball to make it go through the legs of the chair.

-Scoring is as follows...

- Ball goes completely through the legs of the chair = 3 points
- Ball comes to rest under the chair = 2 points
- Ball hits a leg of the chair but does not go under or through = 1 point

-First player to 21 points wins.

<https://www.youtube.com/watch?v=MlQodCJQfi4>

Wednesday: Table Hockey

Bart Jones, MS @exercys · Apr 6

Table Hockey. 2 cups, peanut butter lid, table. Enjoy!! #PhysEd #HPEatHome



Go to our "twitter" site to see actual video

Thursday: Kick-Tac-Toe



Kick-Tac-Toe

Find another person to play against.

Create a Tic-Tac-Toe board on the floor using tape or something similar.

Take turns with the other person kicking the ball (or rolled up sock) to make it stay in one of the squares.

If the ball stays inside one of the squares, put your "X" or "O" in that square (You can use a small piece of paper with "X" or "O" written on them).

You can turn any "X" or "O" into the other one by making your ball stay inside that square.

1 in a row first wins.

<https://www.youtube.com/watch?v=gDmAHBZqRY8>

Friday: Tape Line Challenges



TAPE LINE CHALLENGES

WHAT YOU NEED: 6 LINES OF TAPE.

(ASK YOUR MOM OR DAD: PRINTERS TAPE OR MASKING TAPE OR CLEAR TAPE STRIPS OF PAPER ON THE FLOOR)

How far can you jump?

Forward

Backward

JUMP

How far can you stretch?

One foot

Two feet

How many lines long are you? Stretch yourself!

HOP