Centreville Community School

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Grade 7 HOME LEARNING PLAN

Grade:	7
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 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
Grade 7 Literacy If you have any questions about the Literacy activities, please contact- Iris Hitchcock iris.hitchcock@nbed.nb.ca	**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 ¾ 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. **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.

	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 7 Social Studies If you have any questions about the Social Studies activities, please contact- Melissa Richardson melissa.richardson2@nbed.nb.ca	**Canadian History -** Research the basics of the Industrial Revolution by viewing this video: https://www.youtube.com/watch?v=nl_-6WPQ4Sg, visiting this site: https://kidskonnect.com/history/industrial-revolution/, **or** reading the attached worksheets (Grade 7 Industrial Revolution page1and2.pdf). ⇨ Think about the following questions: How do you think the Industrial Revolution might have affected ordinary people? How did society change due to the revolution? (before/after) What were the pros/cons of the Industrial Revolution? Where and when did the Industrial Revolution begin and what inventions played an important role in the revolution? ⇨Now create a mosaic (see picture below) on an 8½ x 11 piece of paper to represent your knowledge about the Industrial Revolution. Put "Industrial Revolution" in the center of the page and then choose 5 topics/titles. Finally include information, key phrases, words, pictures and/or diagrams of your choice.

Grade 7 Numeracy

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

Kim Foster
kim.foster@nbed.nb.ca

Math Choice Board (Grade 7)

Monday	Tuesday	Wednesday	Thursday	Friday
At Chapters, 3 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 cm²) 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 ÷ Example: 44 - 44 = 0 44 ÷ 44 = 1 4/4 + 4/4 = 2	**Which One Doesn't** NUMBER 1 from Pam Wilson **Belong?**	Have a scavenger hunt for real-world examples of where you might need to find the perimeter and area of items.	What are the all of the possible outcomes of rolling a 6 sided die and flipping a coin? Roll a die and flip a coin 30 times. Record your results. Which results came up the most? Try this 2 more times and see if you can find a trend?	Measure the perimeter of two different windows in your home and then find the area of both windows. If material is $1.25 per square meter, how much will it cost for the material to just cover both windows?
Game 1: Logic (find the individual price)	Game 2: Addition of Integers	Game 3: Area	Game 4: Percent	Game 5: Equivalent fractions
IXL - Online Practice Integers 1. **B.1** Understanding integers 2. **B.2**	IXL - Online Practice Number theory 1. **A.1** Prime or composite 2. **A.2**	IXL - Online Practice Geometric measurement 1. **AA.1** Perimeter 2. **AA.2**	IXL - Online Practice Probability 1. **DD.1** Probability of simple events 2. **DD.2**	IXL - Online Practice Probability 5. **DD.5** Make predictions 6. **DD.6**

Integers on number lines	Prime factorization	Area of rectangles and parallelograms	Probability of simple events - word problems	Compound events: find the number of outcomes
Operations with integers 1. **C.1** Integer addition and subtraction rules 2. **C.2** Add and subtract integers using counters		**3. AA.3** Area of triangles 4. **AA.7** Circles: calculate area, circumference, radius and diameter	**3. DD.3** Probability of opposite, mutually exclusive and overlapping events 4. **DD.4** Experimental probability	**7. DD.7** Counting principle

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-7

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. (kim.foster@nbed.nb.ca)

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: 8x3 = 24 and 6x4 = 24) then war is declared and they each flip over two more cards.
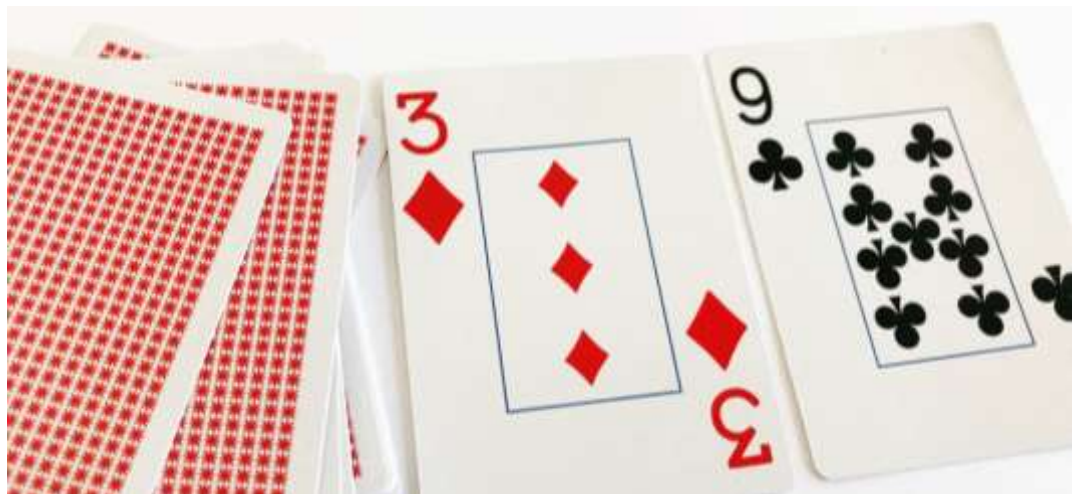 The winner is the person with the most cards at the end of the time you have to play.

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 7 Science

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

Angela Taylor
angela.taylor@nbed.nb.ca

Science Tic-Tac-Toe Choice Board

Please choose at least 3 of the following assignments.

Create a comic strip with at least 5 sections that illustrate how to be safe in the Science Lab OR How to be unsafe in the Science Lab. Be creative.	Create a playlist of at least 7 songs that have Science in the title. You can list the songs orally, on paper or create the list electronically.	In a skit, identify examples of careers in which science & technology play a major role. How has technology changed these careers over time?
Write a poem about the tools, instruments & materials used in experiments. (Remember the words from our Bingo Game and Science Jeopardy.)	Create a picture or poster of your favourite Scientific tool. Be sure to include labels. (You may be able to turn this into a collage with a mix of your artwork and pictures.)	Create a trading card for a Scientist that you are curious about (maybe Bill Nye). Be sure to include a picture and at least 3-5 details.
Make a 3-D model of a tool that can be used in science & technology. (Science Jeopardy examples: wind vane, tongs, goggles, microscope, terrarium)	Imagine you are a news reporter and you have 5 questions to ask Bill Nye the Science Guy. List the 5 questions orally, on paper or record them electronically.	Design a mascot for Bill Nye the Science Guy. Why did you choose the characteristics of this mascot? Why would Bill Nye be seen with this mascot while doing his experiments?

If you are able to check this link out from Scholastic, there are Science videos, articles, experiments and more!
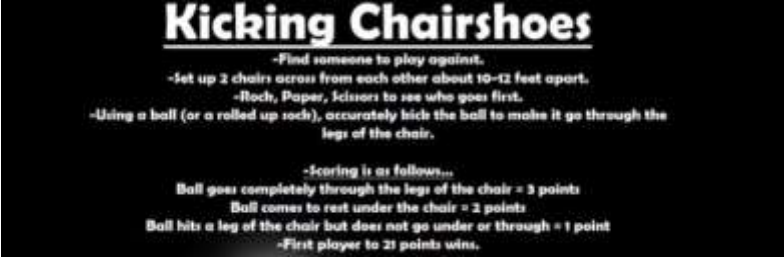
https://sdm-sfx.digital.scholastic.com/?authCtx=U.613160283

Physical Education If you have any questions about the Numeracy activities, please contact- Grant Robinson grant.robinson@nbed.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 0:18 6K views **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. 3 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. PAINTERS TAPE OR MASKING TAPE OR CLEAR TAPE STRIPS OF PAPER ON THE FLOOR) JUMP HOP