



Centreville Community School



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Grade 7 HOME LEARNING PLAN

Grade:	7
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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>Grade 7 Literacy</p> <p>If you want to "pass in" your weekly writing piece to the group "English Language Arts 7-7H" in Microsoft Groups, under assignments, there are the weekly descriptions. I will provide feedback of what you're</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.</p> <p>Now that the weather is getting more spring-like, (except for last Friday!!!) for your weekly writing activity, take whatever you're writing with (if possible) out on your deck, porch, front step, lawn, etc. and use your 5 senses to write about what is around you. What you see, hear, smell, feel...probably not taste!! But if you take a snack/drink out with you...why not?? Write a paragraph for each of the senses. Please include descriptive words and phrases and many details. Paint a picture, so I can "see" what you're seeing, "smell" what you're smelling, etc.</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 Middle School students.</p>

doing well and what you need to keep working on. Your Reading Response assignment is in there too, if you want to send it to me.

Iris Hitchcock
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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
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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 7 - 7H group has been activated for those who are interested.

The Industrial Revolution in Canada - Last week we learned about the Industrial Revolution but from a global perspective (British/American). This week we are going to focus on how the Industrial Revolution impacted Canada. Research the Canadian Industrial Revolution by visiting the following websites:

↳ <https://talonssephr.edublogs.org/2011/04/06/the-industrial-revolution-and-its-effect-on-upper-and-lower-canadians/>

↳ http://www.portageandmainpress.com/lesson_plans/plan_186_1.pdf

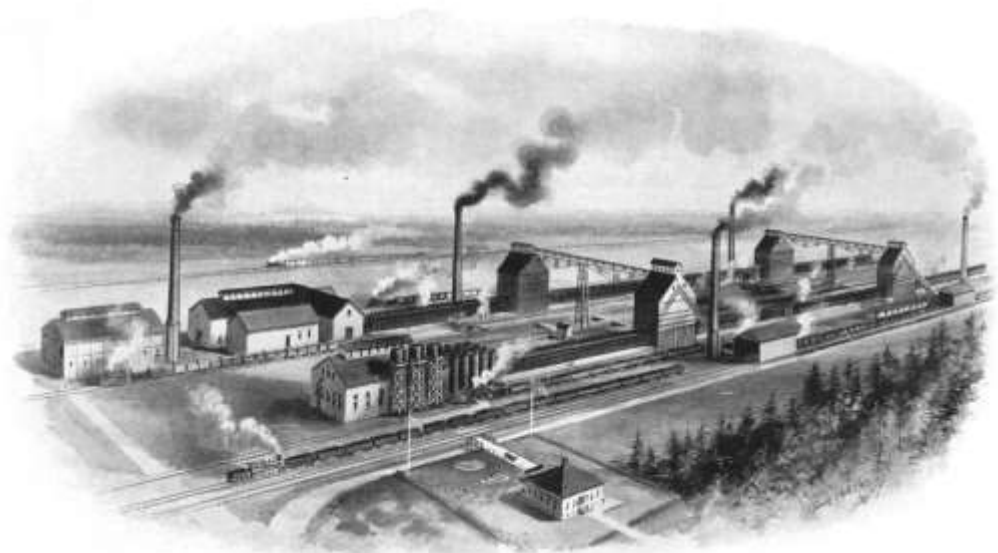
↳ <https://opentextbc.ca/postconfederation/chapter/3-1-the-industrial-revolution/>

and/or reading the attached worksheets (Grade 7 Industrial Revolution page3and4.pdf).

What are your observations & reactions?

What conclusions can we draw from the websites and reading passage?

What was the most interesting fact you learned? Why?




Product: Create a mini poster (8½ x 11) entitled "The Industrial Revolution Comes to Canada" that highlights what was special or different about the Canadian experience. Your poster should include as much Canadian specific content as possible, as well as the facts or information from this week's research that you found interesting.

Grade 7 Numeracy

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

Kim Foster
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April 20th to April 24th – Offline Math Choice Boards (Grade 7)

Monday	Tuesday	Wednesday	Thursday	Friday
The average of six numbers is 4. A seventh is added and the new average is 5. Find the seventh number.	In trail mix, the ratio of cups of peanuts to cups of chocolate candies is 3 to 2. How many cups of chocolate candies would be needed for 9 cups of peanuts?	Write an expression to represent the situation. The skating rink charges \$100 to reserve and then \$5 per person. Write an expression to represent the cost for any number of people.	List all the factors of 48. List all the factors of 64. What are the common factors of 48 and 64? What is the greatest common factor of 48 and 64?	Alisa had 1/2 L of juice in a bottle. She drank 3/8 L of her juice. What fraction of the juice in the bottle did Alisa drink?
Explain why this doesn't make sense: Sam wrote $\frac{3}{4} \text{ hr} + \frac{1}{2} \text{ hr} = \frac{4}{6} \text{ hr.},$ saying that he had worked on the computer for 45 minutes and watched television for half an hour. Explain his mistake in determining the total time he spent on these activities. What is the correct answer (expressed as a fraction)?	<p>Which One Doesn't Belong?</p> 	A container is half full. When half a cup of juice is added to it, the container is three quarters full. How much liquid can the container hold? Model or draw your answer.	Order the following quantities on a number line: 0, 4/8, -2, 1, 1/2, 2.5, 9.8, -4. Consider, what is the largest quantity on the number line? What is the smallest?	Find a recipe for making cookies. How would the measurements change if you need three times as many cookies as this recipe makes? How would the measurements change if you only want to make half of the cookies? Rewrite the recipe to show what is needed to make twice the number of cookies and half the cookies.

April 20th to April 24th – Offline Math Games (Grade 7)

Probability Dice Game

Objective is to allow students to compare theoretical and experimental outcomes.

Two or more players are needed. Two number cubes each with 1, 2, 3, 4, 5, 6. (If you do not have die, place 12 small pieces of paper in a container; so you have 2 of each digit (1-6) in the container.) Take turns rolling the dice (or pulling 2 numbers from a container). If the total roll is an even number, player A gets a point. If the total roll is greater than 7, player B gets a point. Before playing, determine the theoretical probability of each player earning a point. (Eg. Theoretical probability of rolling a 1, 2 or 3 on a die is 3 out of 6, recorded as 3/6 or 3:6 or 50%) You can also make your own rules, especially if there are more than 2 players. Keep track of the outcomes in a tally chart. How do your experimental results compare with the theoretical probability?

Math facts

Daily Practice, 10 minutes

Make cue cards with multiplications from 1 x 1 to 12x 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!)

Integer War Game: All black cards are positive. All red cards are negative. Players turn over TWO cards and have them add or subtract integers. The student with the highest result wins

Play Multiplication or Addition War! – See week of April 14th for rules

April 20th to April 24th – Online Math Choice Boards (Grade 7)

Monday	Tuesday	Wednesday	Thursday	Friday
Game 1: Logic (find the individual price)	Game 2: Addition of Integers	Game 3: Area	Game 4: Percent	Game 5: Equivalent fractions
<p>I XL 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.</p>				
Fractions and mixed numbers F.1 Understanding fractions: word problems F.2 Equivalent fractions F.3 Write fractions in lowest terms F.4 Fractions: word problems with graphs and tables F.5 Least common denominator F.6 Compare and order fractions	Ratios, rates and proportions L.1 Understanding ratios L.2 Identify equivalent ratios L.3 Write an equivalent ratio L.4 Equivalent ratios: word problems	One-variable equations U.1 Which x satisfies an equation? U.2 Write an equation from words U.3 Model and solve equations using algebra tiles	Number theory A.1 Prime or composite A.2 Prime factorization A.4 Divisibility rules A.5 Greatest common factor A.6 Least common multiple A.7 GCF and LCM: word problems	Fractions and mixed numbers F.7 Compare fractions using benchmarks F.8 Compare fractions: word problems F.9 Convert between mixed numbers and improper fractions F.10 Compare mixed numbers and improper fractions F.11 Round mixed numbers F.12 Put a mix of decimals, fractions and mixed numbers in order

April 20th to April 24th – Online Math and Tech Games (Grade 7)

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/>

Sources for Grade 6 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 7
Science**

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

Angela Taylor
angela.taylor@nb.ca

THINK TAC TOE



Directions: Choose your own assignments!

Color in each box as you complete each assignment.
Have Fun!

CREATE A
POSTER
SUPPORTING
EARTH DAY

MAKE
COLLECTION
OF POEMS
FOR EARTH
DAY

PREPARE A
DIORAMA OF
AN IDEAL
ENVIRONMENT.

PREDICT
WHAT WOULD
HAPPEN IF
WE DID NOT
RECYCLE.

FREE CHOICE



WRITE A LETTER
TO A FRIEND TO
PERSUADE
THEM TO
RECYCLE.

WRITE A ONE-
PAGE PAPER
ABOUT WHEN
AND WHY
EARTH DAY
BEGAN.

THINK OF A WAY
YOU COULD
CONSERVE ENERGY.
AND TRY IT AT HOME.
RECORD YOUR
ACTIONS FOR FIVE
DAYS.

CONSIDER EVERYDAY
ITEMS THAT YOU
THROW AWAY ON A
DAILY BASIS. CHOOSE
AN ITEM SUCH AS A
MILK CARTON, PLASTIC
BAGS, ETC., AND
CREATE A GUIDE FOR
OTHER USES.

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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>

Alien Visitor



You are the commander of a space ship from a far away planet. This is your first visit to planet Earth and you must report back to your homeland about what you see. You are able to zoom in on all areas of Earth and see all the unique and wonderful characteristics of the third planet from the Sun.

Briefly describe what features of Earth should be included on...

The Top 10 Things that Make Earth Unique.

What makes Earth different from the other planets?

What would you see as you zoomed over the planet?

What would be the most important things you would need to share with the people on your home planet?



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In celebration of Earth Day (Wednesday, April 22, 2020) you may also wish to read "The Lorax" by Dr. Seuss: <https://www.youtube.com/watch?v=EdWesdMfyd4> or watch the movie on Netflix.

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.