



Centreville Community School



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Grade 8 HOME LEARNING PLAN - June 1st to 5th

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. How do you think people coped with the heat before air conditioning and electric fans were invented? 2. Next year you'll be in a different class with a new teacher. Write a letter to your next year's teacher, telling him or her the most important things that you learned this year. <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: Find as many words as you can using the following letters. Remember: you can only use the letters as many times as they are in this word. For example, there are 2 A's so you can use 2 A's. But there is only 1 T, so you can't use 2 T's in a word that you find.

VACATION

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

Canadian History Instagram Activity

Research an historical figure - Alexander Graham Bell. Jot down important information that you find about him (including viewpoints on important events, milestones, and contributions to Canadian history). Learn about Alexander Graham Bell by:

watching the following videos:

👉 <https://www.youtube.com/watch?v=JsRt5lBdBfE>

👉 <https://www.youtube.com/watch?v=a1DeuJboEhs>

👉 <https://www.cbc.ca/kidscbc2/watch/canadoodaday/alexander-graham-bell-invents-the-telephone>

and/or visiting these websites:

👉 <https://www.biography.com/inventor/alexander-graham-bell>

👉 <https://www.history.com/topics/inventions/alexander-graham-bell>

👉 <https://www.thecanadianencyclopedia.ca/en/article/alexander-graham-bell>

Product: Now that you've researched Alexander Graham Bell think about his perspective of history and complete an Instagram page (with four posts) written from his point of view.

- Draw sketches for each of the four Instagram posts you will create. Be sure to put your posts in reverse chronological order (the most recent post should be in the top left corner, the oldest post should be in the bottom right corner).
- Brainstorm ideas for interesting and relevant hashtags that you can include in each of your posts.



has been activated for those who are interested.



@alexandergbell



posts

followers

following

Follow

Alexander Graham Bell







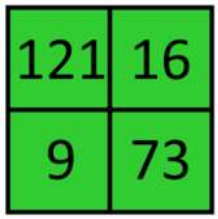
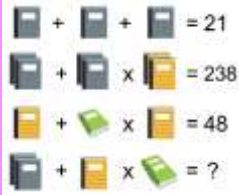




Grade 8 Numeracy

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

Kim Foster
kim.foster@nbed.nb.ca

June 1st to June 5th – Offline Math Choice Boards (Grade 8)

Monday	Tuesday	Wednesday	Thursday	Friday
<p>Would You Rather . . .</p> <p>Earn a salary of \$30 000 per year Or Earn \$15 per hour while working 40 hours each week for 52 weeks (this includes vacation time)?</p> <p>Source: wouidyourathermath.com</p>	<p><u><i>Which One Doesn't Belong?</i></u></p> <p>Which number does not belong and why? What other number does not belong and why? Repeat as many times as you can.</p>  <p>Source: wodb.ca</p>	<p>What is the value of the last row? Source:</p>  <p>solvemoji.com</p>	<p><i>Scrappy Soap</i></p>  <p>In the course of making soap, the cutting machine produces scraps. The scraps from 11 bars of soap can be made into one extra bar.</p> <p>How many bars can be made after cutting 250 bars of soap?</p>	<p><i>Sudoku</i></p> <p>Fill in the blanks so that each row, each column, and each of the nine 3x3 grids contain the numbers 1 through 9 only once.</p>  <p>Source: puzzles.ca</p>
<p>The grade 8 class wanted to go skating at the local rink. It cost \$150 to rent the rink and \$3 for each student to go. The final bill was \$294. How many students went skating?</p>	<p>Solve each of the equations below for P:</p> <p>$7p = 56$</p> <p>$2p + 5 = (-7)$</p> <p>$5(p + 3) = 35$</p> <p>$\frac{p}{3} = -6$</p>	<p>List the 10 perfect squares after the ones given below:</p> <p>$1 = 1 \times 1$ $4 = 2 \times 2$ $9 = 3 \times 3$ $16 = \underline{\quad} \times \underline{\quad}$ $25 = \underline{\quad} \times \underline{\quad}$</p>	<p>List the factors of each number below. Which numbers are perfect squares? How do you know?</p> <p>36 40 81 99 100 120</p>	<p>A number has 9 factors. Is it a perfect square?</p> <p>What number could it be?</p>

June 1st to June 5th – Offline Math Games (Grade 8)

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!)

Battleship

How to play: Plot all of your ships by drawing an outline of each ship on the grid according to its size. (ex. Battleship is 4 blocks). Ships may not overlap. Don't let your enemy see your ships!

Take turns firing upon your enemy by calling out ordered pairs (ex. (2,6))
Mark your shots as "hit" (X) or "miss" (dot) on your Enemy Ships Cartesian plane according to your enemy's reply. Any point touching your ship is a hit.

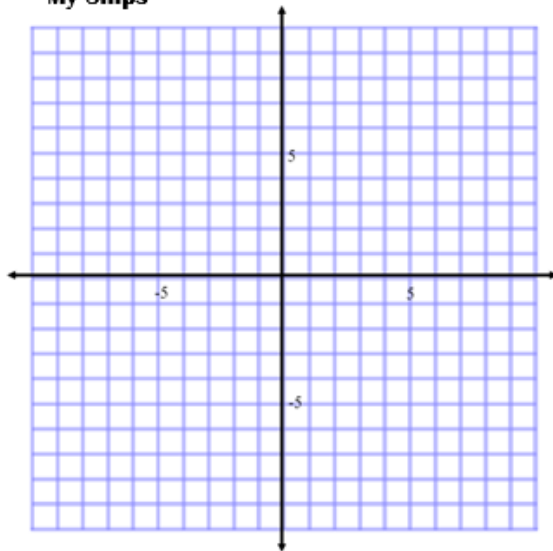
When your enemy fires upon you, say "hit" or "miss" and mark your hit ships with an X when they are hit. When your ship is sunk, you must say, "You sank my _____!" (type of ship)

The first person to sink all of their enemy's ships wins!

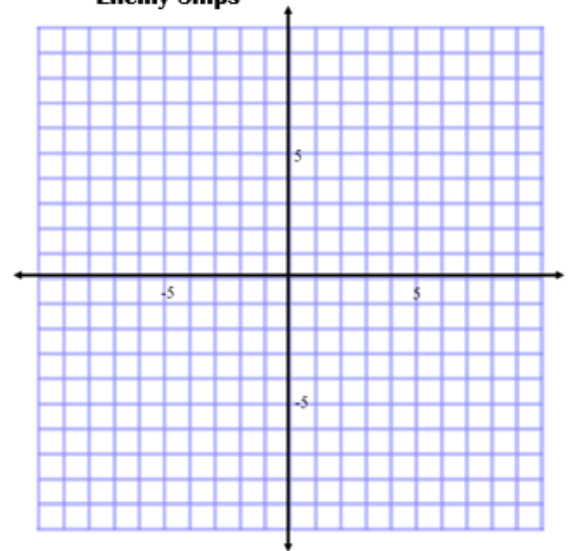
Ships	
Aircraft carrier	5 blocks
Battle ship	4 blocks
Cruiser	3 blocks
Patrol Boat	2 blocks
Submarine	3 blocks



My Ships



Enemy Ships



June 1st to June 5th – Online Math Choice Boards (Grade 8)

Monday	Tuesday	Wednesday	Thursday	Friday
<u>Game 1: Stock the Shelves</u>	<u>Game 2: Quadrant Commander Coordinate Grid</u>	<u>Game 3: Locate the Aliens</u>	<u>Game 4: Hit the Coordinate</u>	<u>Game 5 – Rocket Down</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 8 IXL online activities: [IXL Online Practice for Grade 8](#)

Coordinate Plane	Coordinate Plane	Three-dimensional figures	Pythagorean theorem	Linear functions
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A math book that you might like to check out:

[Mr M's Math Class: Special Read Aloud Edition: "The Number Devil": Chapter 3](#)

[Mr M's Math Class: Special Read Aloud Edition: "The Number Devil": Chapter 4](#)

June 1st to June 5th – 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)

Science

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

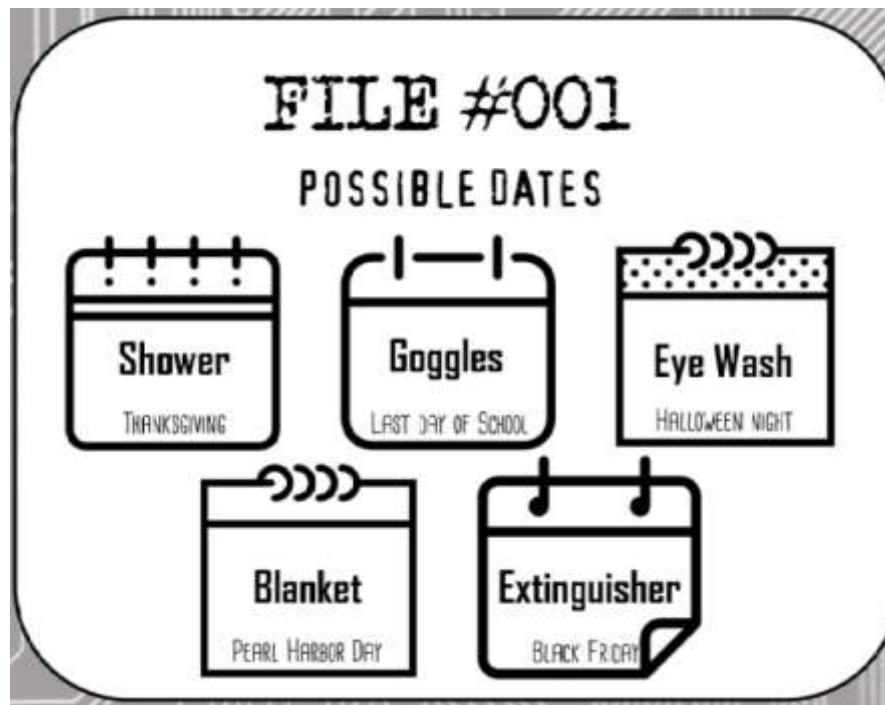
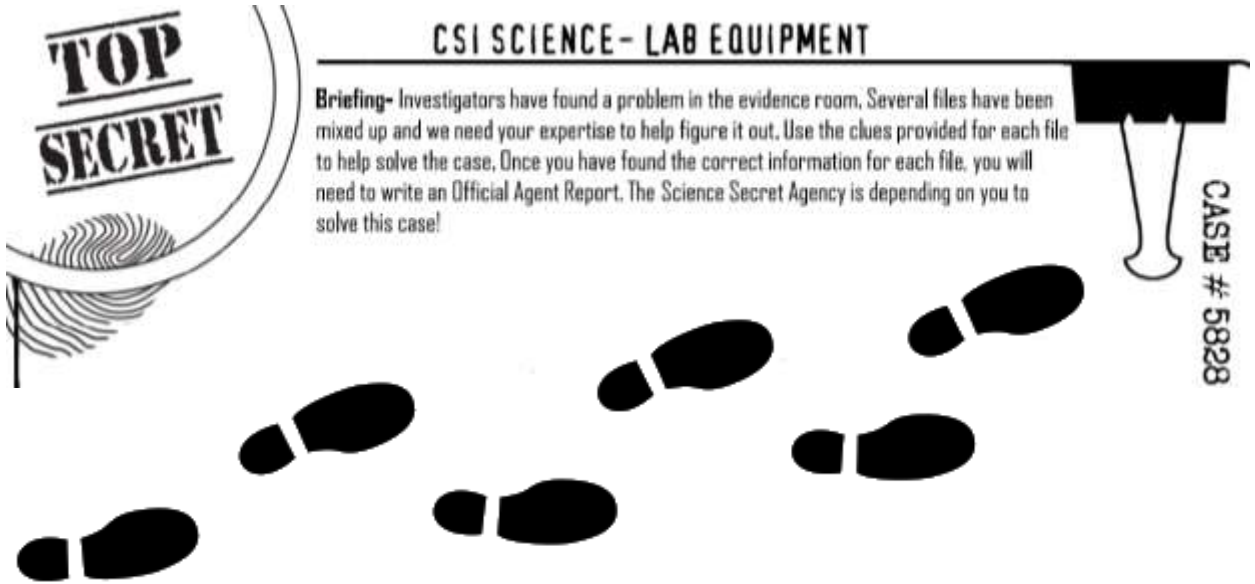
Melissa Richardson
melissa.richardson2@nbed.nb.ca

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.

Your challenge this week is to put on your super spy caps and use your knowledge of laboratory equipment to solve this Lab Equipment CSI Science Mystery! This assignment has 5 stations and contains 20 clues about various safety and laboratory tools. After you eliminate choices, you will be left with the information of the crime and write a Secret Agent Report.

Instructions:



FILE #001 DATE CLUE 1 Eliminate the safety equipment used to put out chemical and electrical fires.
FILE #001 DATE CLUE 2 Eliminate the safety equipment used if chemicals are spilled directly onto skin.
FILE #001 DATE CLUE 3 Eliminate the protective equipment that protects your eyes from splashing chemicals.
FILE #001 DATE CLUE 4 Eliminate the safety equipment used to smother small fires on surfaces.

FILE #002

LOCATION CLUE 1

Eliminate the equipment that is like a miniature electric stove.

FILE #002

LOCATION CLUE 2

Eliminate the containers used to hold liquids with a spout for pouring.

FILE #002

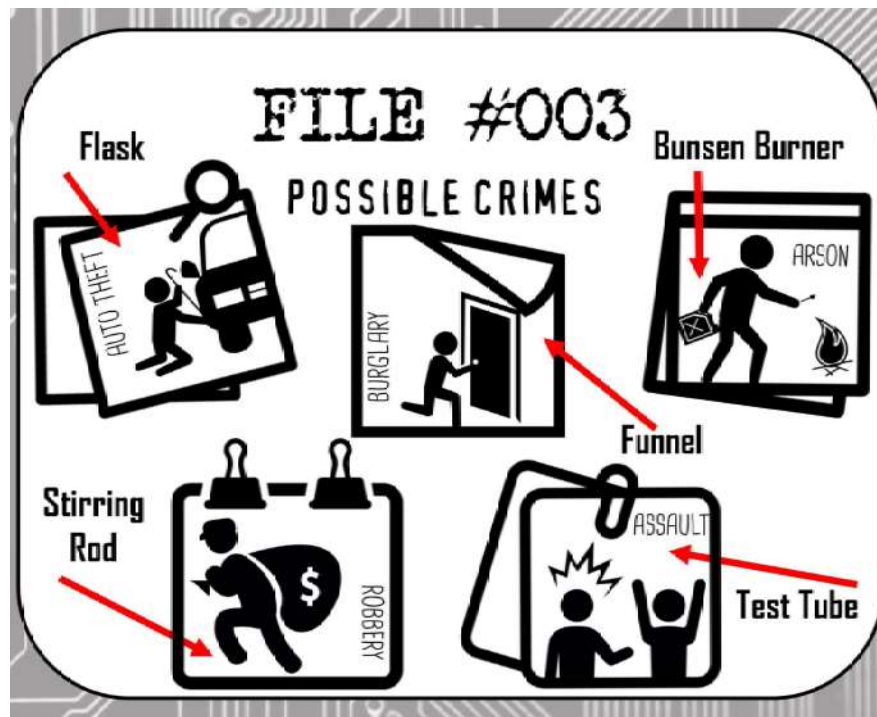
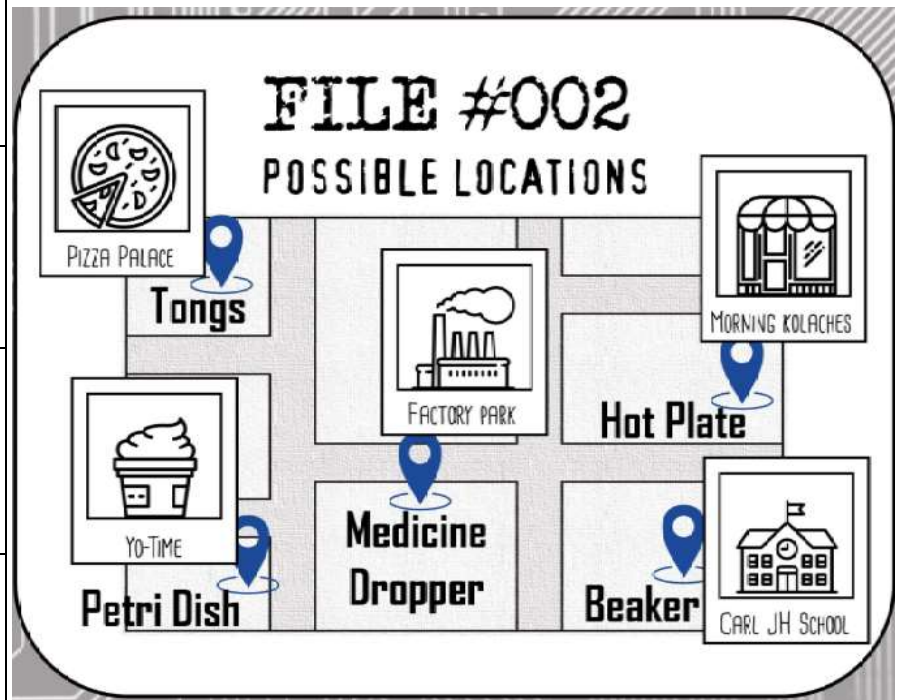
LOCATION CLUE 3

Eliminate the clear containers that most commonly are used to culture bacteria.

FILE #002

LOCATION CLUE 4

Eliminate the tool used to suction liquids in and out of the device.



FILE #003

CRIME CLUE 1

Eliminate the equipment that produces heat with an open flame.

FILE #003

CRIME CLUE 2

Eliminate the container for holding liquids that has an opening that is narrower than its base.

FILE #003

CRIME CLUE 3

Eliminate the cylinders of glass closed at one end used to hold small amounts of liquids.

FILE #003

CRIME CLUE 4

Eliminate the tool used to make sure that a liquid goes into a container when you pour it.

FILE #004

SUSPECT CLUE 1

Eliminate the tool used to dissect and cut a specimen.

FILE #004

SUSPECT CLUE 2

Eliminate the tool used to pick up small objects.

FILE #004

SUSPECT CLUE 3

Eliminate the tool used to prevent a gas or liquid from escaping its container during a scientific experiment.

FILE #004

SUSPECT CLUE 4

Eliminate the instrument that is used to enlarge the features of an object.

FILE #004
POSSIBLE SUSPECTS

Forceps
COOPER OWENS

Scalpel
HEIDI HICKS

Microscope
BIG CHEESE

Telescope
TRISTAN WELLS

Rubber Stopper
ARIELLE BOYD

FILE #005
POSSIBLE EVIDENCE

PHYSICAL EVIDENCE
Thermometer

! EYE WITNESS
Metric Ruler

FINGERPRINTS
Triple Beam Balance

SHOE PRINTS

GRADUATED CYLINDER
Graduated cylinder

VIDEO FOOTAGE
Spring Scale

FILE #005

EVIDENCE CLUE 1

Eliminate a tool used to measure length and distance.

FILE #005

EVIDENCE CLUE 2

Eliminate the tool used to measure the volume of a liquid.

FILE #005

EVIDENCE CLUE 3

Eliminate the tool used to measure the mass of an object.

FILE #005

EVIDENCE CLUE 4

Eliminate the tool used to measure temperature.

OFFICIAL AGENT REPORT

Agent Name _____

Today's date _____

CASE # 5828

CSI SCIENCE - LAB EQUIPMENT

On _____ at _____ the

Date of crime

Location of crime

crime of _____ was committed by the

Crime

suspect known as _____ . Evidence at the

Suspect name

crime scene included _____ which was

Evidence

enough to make an arrest and solve the case.

**CASE
CLOSED**

Signature of Agent

Use the link <https://bit.ly/2K2d4Rz> to enter your report into the Science Secret Agency Electronic Database. Enter the closed case verification code below.



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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.