

Harvey High School  
To Wisdom We Climb

Grade 8 HOME LEARNING PLAN

TEACHER	Email	Homeroom	Grade/subjects taught
Mme McCarthy	<a href="mailto:Nina.mccarthy@nbed.nb.ca">Nina.mccarthy@nbed.nb.ca</a>	6A	6-8 FILA, 6FI Math, 6-8 FI Art, 6-8 FI Music
Mme Bostick	<a href="mailto:Melanie.bostick@nbed.nb.ca">Melanie.bostick@nbed.nb.ca</a>	6B	6-8 FI Science and Social Studies; 6 FI Health & Tech
Mme Miner	<a href="mailto:Brandi.miner@nbed.nb.ca">Brandi.miner@nbed.nb.ca</a>	7A	6E ELA, 6-8 PIF, 6-8 Art, 6-8 Music
Mr. Hoyt	<a href="mailto:Nathan.hoyt@nbed.nb.ca">Nathan.hoyt@nbed.nb.ca</a>	8A	6FI ELA, 7E ELA, 7FI ELA, 8EFI ELA
Mr. M Fletcher	<a href="mailto:michael.fletcher2@nbed.nb.ca">michael.fletcher2@nbed.nb.ca</a>	7B	6-8 Science and Social Studies
Mrs. Lynch	<a href="mailto:Penny.lynch@nbed.nb.ca">Penny.lynch@nbed.nb.ca</a>	8B	6-8E Math, 7-8E Tech, 7-8 Health
Ms. Crawford	<a href="mailto:Catherine.crawford@nbed.nb.ca">Catherine.crawford@nbed.nb.ca</a>		
Mme. Noble	<a href="mailto:Tina.noble@nbed.nb.ca">Tina.noble@nbed.nb.ca</a>		VP; 7-8FI Math; 7-8FI Tech
Ms. Parra	<a href="mailto:Julia.parra@nbed.nb.ca">Julia.parra@nbed.nb.ca</a>		MS Resource
Mrs. Drummond	<a href="mailto:Cynthia.drummond@nbed.nb.ca">Cynthia.drummond@nbed.nb.ca</a>		MS Resource
Ms. Collicott	<a href="mailto:Crysta.collicott@nbed.nb.ca">Crysta.collicott@nbed.nb.ca</a>		Principal
School Email	<a href="mailto:harveyhigh@nbed.nb.ca">harveyhigh@nbed.nb.ca</a>		

WEEKLY PLAN – May 18 – 22, 2020

Subject	
Literacy	<ul style="list-style-type: none"> <li>• <b>Remember to record your name, date, and a title on all writing pieces. Responses can be written on paper or typed.</b></li> <li>• <b>You may email your response to your teacher if you have the opportunity.</b></li> <li>• <b>Assignments may be done in either French or English.</b></li> </ul> <p><b>Monday</b> – Victoria Day Holiday – you may work on IXL skills we have worked on this year so far that you did not finish up if you wish.</p> <p><b>Tuesday</b> – Read a book, magazine, graphic novel or online article of your choice for at least 20 minutes. After your reading session is done complete a reading response. Your response may simply be a short summary of what you read today or you can use the following prompt:</p>

- Choose one character from your book. Design and explain what you think their room would look like. (For example: what would be in it, what colour would it be, how would it be organized, etc).

**Wednesday – Sacred Writing Time:**

*Option 1: What is the nicest thing someone at school has ever done for you?*

*Option 2: Free write! Write about whatever you want today 😊*

**Thursday** – Read a book, magazine, graphic novel or online article of your choice for at least 20 minutes. After your reading session is done complete a reading response. Your response may simply be a short summary of what you read today or you can use the following prompt:

- Make a prediction or two about what might happen in the next 25 pages of your book.

**Friday** – Take a look at the enrichment choice board and choose one or two activities to complete that you have not already done. There are lots of choices, so be sure to take a look and choose some that are of interest to you.

**Enrichment: See the attached sheet – a choice board for Literacy!**

**Numeracy**

To be completed in the language of your choosing:

Assignment: If available, watch surface area of cylinder video:

<https://www.youtube.com/watch?v=6epyKmNgLL8>

And volume of cylinders video:

<https://www.youtube.com/watch?v=y3TjAHV7esk>

Cylinder formula sheet, attached

Cylinder worksheet, attached. (CAN USE CALCULATOR)

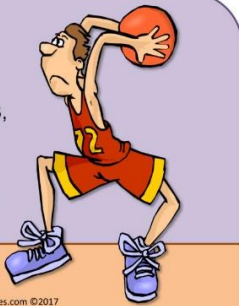
**Note: the worksheet asks you to find the volume. Please find the surface area, as well.**

Reminder → work can be completed on loose-leaf. It does not need to be printed out. Don't forget to show your steps to solving worksheets, not just the answer.

Project: Math Scrapbook Part 2, do as many as you like. Some may be more challenging than others.

**\*\*If possible, your Math teachers would love to see your finished scrapbooks. \*\***

Write a word problem about the baskets this player made during the game. Use the digits 2, 3, and 8 and the words "twice" and "total" somewhere in your word problem.



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Journal Prompt:

Card Game: Close Call

Instructions:

1. Remove all of the face cards and 10s from the deck.
2. Shuffle the deck and place it face down in the center of the table.
3. Select 4 cards from the deck and place them face up.
4. Rearrange the cards and try to create number pairs that when added together come close to 100. For example, the cards 5, 4, 9, 1 can be arranged to create two larger numbers: 51 and 49. When added together 51 and 49 equal 100.
5. Play for 10 rounds. If, in 10 rounds, you were able to get between 95 – 105 on your pairs of cards you win!
6. Too easy ~ play for 5 rounds and get between 95-100 on your pairs of cards.

Close Call Scoreboard

Round	Problem Created	Score
0	$53 + 42 = 95$	95
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Online Activities:

<https://ca.ixl.com/> Level I – AA.13 and AA.14  
<https://trockstars.com/>

**Science**

- This week we continue exploring fluids, looking at density and buoyancy. Complete the following activities in the language of your choice, where possible.
- A person very famous for a discovery bases on density was Archimedes. Watch this video to discover his ‘eureka’ moment.  
<https://www.youtube.com/watch?v=ijj58xD5fDI>
- How did Archimedes prove the gold crown was real or fake?
- Based on what Archimedes discovered, we can calculate density, which tells us how much of something occupies a space. To calculate density, we can divide the mass of something by the volume of something. If an object has a mass of 8 g and a volume of 4 mL, then its density would be 8 g divided by 4 mL to equal 2 g/mL.
- The formula is  $p = m \div v$ , where p stands for density, m stands for mass, and v stands for volume. This formula can also be switched around if you need to find mass or volume. To find volume, do  $v = m \div p$ , to find mass do  $m = v \times p$ .
- Complete the ‘Density Worksheet’ attached. One other thing to note is that mass is in grams or kilograms, and volume is in mL or  $\text{cm}^3$ .
- Why do some things float and others sink? Write down what you think. One thing to consider is that the density of water, which is  $1 \text{ g/cm}^3$ .
- Test 10 things from around the household to see if they will float or sink. Before you test everything, make a prediction whether you think it will float or sink. Record your results after testing. Do the things that float have anything in common?
- A good online site to help with understanding density is below. You will need Flash player for it work.  
[https://phet.colorado.edu/sims/density-and-buoyancy/density\\_en.html](https://phet.colorado.edu/sims/density-and-buoyancy/density_en.html)
- Styrofoam, ice, wood, brick, and aluminum are all substances you can test on this website. Does anything happen if you change the size of the object? Why or why not?

**Social Studies**

- The next few weeks will be focused on our very own province of New Brunswick. Possible activities to completed in the language of your choice:
- Complete the ‘NB Webquest’ attached. Use the internet or your everyday knowledge to answer the questions.
- **Explaining the Bay of Fundy**  
Your friend has just come up to you and made an outrageous statement. ***“I don’t get what all the fuss is about the Bay of Fundy.”*** After you overcome the shock at such an ignorant and

uninformed statement, you take it upon yourself to be a responsible grade 8 social studies student and citizen of New Brunswick and gently and kindly educate your friend on just why the Bay of Fundy IS a big deal. **Start the conversation with your friend’s statement and then write a script of how the conversation would go in which you highlight 10 facts about the Bay of Fundy.**

- Continue your daily [journal](#) to [help historians of the future understand life during a pandemic in 2020](#). What has changed for you now that NB has entered the ‘orange zone’?
- Here is what is in each zone in case you don’t know.  
<https://www2.gnb.ca/content/dam/gnb/Departments/eco-bce/Promo/covid-19/phphases-e.pdf>

**Phys. Ed.**

Physical Activity      Continuation of Learning      Week May 18<sup>th</sup>- May 22<sup>nd</sup> 2020

Hi everyone! I hope you all had a fantastic week. So much wind these days! I am doing well and keeping busy. I have heard from few of you and it is great to read about the things you are doing. Remember to send me an email if you have any questions or if you would like to share the things you have been doing to keep busy and active. Most importantly --I want you all to be safe in whatever you are doing. Using the proper equipment and abiding by the rules of whatever activity you are doing. You do not have to follow the ideas I give you every week- they are just suggestions!

Link # 1  
 This is a great fitness challenge link. For those of you who are keeping a journal this link can provide you with some ideas and great challenges. If you are not keeping a journal that is OKAY! You can still check out the link and choose from several activities.  
<https://www.youtube.com/playlist?list=PLGS-YpNYBNvd64jdVQWakrNw8GPF4ZF0L>

Link # 2  
 Nutrition: This link takes you directly to the Government of Canada Food guide’s “Mindful Eating” Section. You can read about the “benefits” of being a mindful eater and “How to “be a mindful eater.  
<https://food-guide.canada.ca/en/healthy-eating-recommendations/be-mindful-of-your-eating-habits/#section-2>

Link# 3  
 Throwing skills for the rainy days. This video provides a fun way to work on your throwing skills/ target practice. You can change the equipment and the distance depending on what you have available. If anyone in the family wants to challenge you to a game-- bring it on!  
<https://www.youtube.com/watch?v=kwyPDzDRCSA&feature=youtu.be>

Have a wonderful week everyone! I miss you!  
 Ms. Crawford