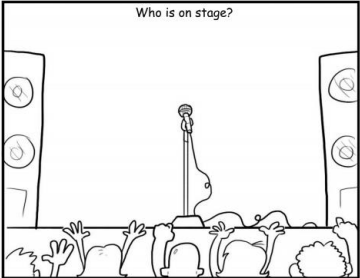


Middle Level Home Learning Week 6

Select activities from the Bingo Card below to complete at home. Try to fill in one complete line for a BINGO or do random squares that peak your interest. We hope you have fun doing the activities. :-)

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| ASD-N's Weekly Stem Challenge | | | | |
| <p>THE CHALLENGE :</p> <p>“Water, water everywhere, but not a drop to drink!” Humans need clean drinking water to survive. The water from our rivers, lakes, streams, and ocean is all around us but it might have a few undesirable items floating in it. Everyone has a right to clean drinking water. Venture out in nature to collect some water from a local, natural water source. Take note of what your water looks like. Your challenge is to build a water filtration system to turn dirty or salty water into clean water! Tips can be found by visiting these two sites.</p> <p>https://kids.nationalgeographic.com/explore/books/how-things-work/water-wonders/</p> <p>https://theresjustonemommy.com/sample-summer-science-solar-still/</p> <p>Be safe and don't taste your water. Make visual observations and compare!</p> | <p>Best Sellers :</p> <p>Be your own author and create an interesting, creative short story to go with this writing prompt.</p> <p><i>"Five long days of painfully waiting was finally over, as we excitedly watched the UPS truck turn up our driveway. The Amazing high-tech water guns we had ordered from Amazon had finally arrived. This was going to be the most epic neighborhood water wars ever. We eagerly tore open the box, ready to load them up. Instead, what we saw inside completely changed everything!"</i></p> <p>Your short story should be original, school appropriate, and contain all the elements of a short story (setting, characters, conflict (problem the main character must overcome) and a resolution). Remember to use lots of descriptive detail and exciting word choice. Feel free to share your stories with us using office.com or our school email. 😊</p> | <p>Science: Classifying leaves</p> <p>Continuing with our theme of classifying a diversity of living things, this week we would like you to get outside with your parent(s) or guardian(s) to identify some coniferous tree leaves. We still have some time to wait before the deciduous tree leaves come out.</p> <p>Coniferous leaves stay on the trees around the year. We would like you to find 4 different coniferous tree leaves (example, a pine, spruce, fir, cedar, etc.) and classify them according to the following criteria:</p> <ol style="list-style-type: none"> 1. Leaves like needles or scales 2. Single needles or needles in bunches 3. 4 sided needles or flat needles 4. Long needles or short needles <p>Use can use the following link for help:</p> <p>https://www.uoquelp.ca/arboretum/educationandevents/id-sheets</p> <p>If you have completed the task and you would like Mr. MacCurdy to check the</p> | <p>Comic Strip: Create a comic strip that would represent the work, the dedication and sacrifices that the essential workers keep doing for us on a daily basis. They could even be portrayed as a superhero in your comic strip. You could simply draw and compose your own comic. Or you could, use the link posted below, which will bring you to a website that you could use to create one. You can try it for free for a period of 7 days I believe. You could also create yourself an account if you would prefer. Once your comic is completed you could share with us or even with an essential worker (that you were thinking of as you were creating the comic).</p> <p>https://edu.pixton.com/solo</p> | <p>Creative Corner: Think like an illustrator and finish the image below. You can add as many details to this drawing in order to make it yours. Be creative and have fun! Your drawing will become the inspiration for your story. When you have finished illustrating, you will then describe, with lots of details, what is happening in this image. Ex: Who is taking part in this concert? How did you get there? Who is playing? When is this taking place? Where is it taking place? How much money did you have to save up? Why was this concert so important to you? How did you feel before, throughout and after the concert? Create the story that goes with this image.</p> <p>Be creative and have fun.</p> <p>https://www.education.com/download/worksheet/80988/finish-the-</p> |

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| | | <p>accuracy of your tree identification findings you can send a photo of your work to Mr. Mac at justin.maccurdy@nbed.nb.ca.</p> | | <p>drawing-stage.pdf</p>  |
| <p>Language Arts / Social Studies:</p> <p>Do you ever get a feeling when you are near water? Write a Haiku Poem about water. What is a Haiku Poem? It is a traditional form of Japanese poetry consisting of 3 lines. The first and last lines of a Haiku have 5 syllables and the middle line has 7 syllables. Click here for examples:</p> <p>https://www.familyfriendpoems.com/poems/other/haiku/</p> | <p>Public Speaking – Tongue Twisters</p> <p>We understand that you have all spent some extra time at home, so in preparation for being in larger groups again someday, we would like you to practice the following tongue twister and deliver it as an oral presentation to your family or housemates.. Tongue twisters are a great way to get over the anxiety of speaking in public because we all make mistakes when dictating them out loud.</p> <p>We'll start with a classic:</p> <p>Peter Piper picked a peck of pickled peppers</p> <p>A peck of pickled peppers Peter Piper picked</p> <p>If Peter Piper picked a peck of pickled peppers</p> <p>Where's the peck of pickled peppers that Peter Piper picked?</p> | <p>Social Studies</p> <p>Draw or print a map of Canada. Using the map illustrate the natural resources produced in each province and territory of Canada.</p> <p>Some of the resources might be renewable (nature can reproduce them in our life time) or non-renewable (can't be reproduced in our life time).</p> <p>For example, for the province of NB you could illustrate trees, wildlife, and fish as our key natural resources.</p> <p>Suggestion: break this activity up over the course of the week as a research project.</p> | <p>Language Arts / Social Studies:</p> <p>Recently, the government of NB has implemented a ban on temporary foreign workers, workers that come into our province from other countries to work on farms and fish plants. Read the following articles below and then prepare a position statement as for or against the ban.</p> <p>If you are for the ban, why do you support the ban of TFWs?</p> <p>If you are against the ban, why do you oppose the ban of TFWs?</p> <p>https://www.cbc.ca/news/canada/new-brunswick/covid-19-new-brunswick-temporary-foreign-workers-1.5548331</p> <p>https://www.cbc.ca/news/canada/new-brunswick/how-a-family-farm-is-struggling-after-their-workforce-was-banned-1.5555077</p> | <p>Ratio Stick Figure Challenge</p> <p>Using ratios, make a stick figure model of yourself to scale.</p> <p>Find a twig that is about half the size of your pinky finger.</p> <p>This is a 2:1 ratio (Your finger is twice the size of the twig as the twig is half the size of your finger). Continue to make the stick figure for the rest of your body by using twigs that are always half the size of the body part.</p> <p>You could even learn the names of the bones as you go.</p> <p>No sticks to use, try lego, straws, rocks, string, etc.</p> |

| | Next week, we'll write our own! | | Position statement debate example http://www.readwritethink.org/files/resources/lesson_images/lesson394/position-statement.pdf | | | | | | | | | | | | | | | | | |
|--|---|--|---|---|-------|----|--------|----|---------|-----|-----------|-----|--------------|-----|-----------------|----|---|--|---|--|
| <p>Numeracy:</p> <p>A family of four, who uses about 150 gallons of water each, for a period of one month, pays \$114.00 per month for their water bill. How much are they getting charged per gallon? Look at the pie chart below:</p> <table border="1"> <caption>Water Usage by Category</caption> <thead> <tr> <th>Category</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Toilet Leaks</td> <td>22%</td> </tr> <tr> <td>Baths</td> <td>5%</td> </tr> <tr> <td>Faucet</td> <td>9%</td> </tr> <tr> <td>Showers</td> <td>12%</td> </tr> <tr> <td>Dishwater</td> <td>22%</td> </tr> <tr> <td>Toilet Flush</td> <td>28%</td> </tr> <tr> <td>Washing Machine</td> <td>3%</td> </tr> </tbody> </table> <p>Determine how much they pay for each different type of usage.</p> | Category | Percentage | Toilet Leaks | 22% | Baths | 5% | Faucet | 9% | Showers | 12% | Dishwater | 22% | Toilet Flush | 28% | Washing Machine | 3% | <p>Musical Moments:</p> <p>There is always a story behind the lyrics of a song. Have your parents help you make a 5-song playlist of songs that have the word “water” in the lyrics.</p> | <p>Ready for a challenge!</p> <p>Go join Brilliant Labs and check out their Daily Challenges. You can join them every weekday at 10am AST for a new Make-At-Home activity & at 1pm for an Outdoor activity or a Digital Learning skill while schools are closed.</p> <p>https://www.brilliantlabs.ca/makerfun</p> | <p>Time to Celebrate: Ever stop and wonder about some of the holidays marked on the calendar? Read “Anyone Can Make Up Their Own Weird or Random Holiday.”</p> <p>https://www.tweentribune.com/article/tween78/anyone-can-make-their-own-weird-or-random-holiday/</p> <p>When you are done reading, consider the question posed by the article. If you could create a weird or random holiday to add to Chase’s calendar, what holiday would you create? Write a persuasive paragraph or letter describing in detail what holiday you would create, why it deserves to be celebrated and why it should be added to Chase’s calendar. Remember to use lots of descriptive details and convincing word choice. (Immersion students are to do this activity in French).</p> | <p>Math/Science:</p> <p>Using and understanding formulas is a critical skill in almost every field, including science, engineering and business. Below are two fun formulas to try. TVs are measured diagonally, so a 48-inch screen measures 48 inches from one corner to the opposite corner. You should also consider the resolution of the TV – the higher the resolution the closer you can sit before you’ll notice pixilation in an image. The formula is used to find the right size TV for your space.</p> <p>$TV = D / 2.5$, where D equals the distance (D) in inches from the couch to the TV and TV equals the ideal screen size.</p> <p>How big should your TV be?</p> |
| Category | Percentage | | | | | | | | | | | | | | | | | | | |
| Toilet Leaks | 22% | | | | | | | | | | | | | | | | | | | |
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| <p>Science: Boyan Slat began his ocean clean-up dream at the age of 16. By the age of 18 he founded The Ocean Cleanup (see link below) and had devised a concept to use the ocean’s</p> | <p>Puzzle challenge: Once you have found how many squares are in this image (remember some squares could be combined).</p> | <p>Decimal Game for 2 to 4 players</p> <p>1. Remove all face cards and Jokers. (10 would be considered a 0) Place the</p> | <p>Condor News: Ever consider where superstitions come from? Check out the following Ted Talk to learn more.</p> | <p>Novel Study:</p> <p>This assignment will start this week and will last for the next 4 weeks / bingo cards. You will select a novel,</p> | | | | | | | | | | | | | | | | |

natural forces to catch ocean plastics. His team is currently working to remove plastic from the Great Pacific Garbage Patch. (Learn more here

<https://theoceancleanup.com/great-pacific-garbage-patch/>)

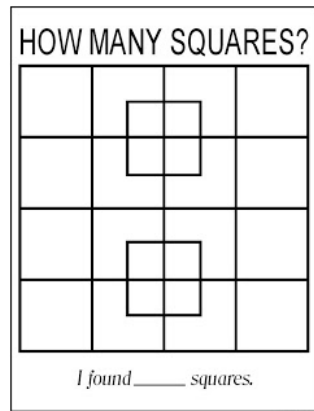
As this plastic is collected, where does it go? What could it be made into? Use the Design Process to design a product that could have a positive impact on our environment or society.

<https://theoceancleanup.com/>

https://www.teachengineering.org/PDF/edp/TE_EDPTeacherMaterials_8.5x11.pdf

Suggestion: keep track of what your counting by drawing a quick legend of the square (size) that you are focused on.

Challenge: try to calculate the total area of these squares once you have discovered all of them. Knowing that the big (whole) square would have the dimension of 8cm by 8cm



deck of cards in a pile facedown in the center of the table.

2. Each player takes one card from the top of the pile. Players place the card face-up directly in front of them.

3. Each player looks at "Round 1" to decide which place value to assign the number. The player can only write that number under one place value column (hundreds, tens, ones, tenths, hundredths, or thousandths). *Once the number is written in a place value column, it cannot be changed at any point during the game.*

4. Repeat steps 1-3 until all 6 place value columns have been filled in.

5. Players must read their final decimal number aloud correctly (i.e. one hundred and seven thousandths, not one hundred point zero zero seven) in order to score the points. Highest number wins that round.

7. Shuffle the deck for each round.

Here is a link for the playing card (or you could simply create your own).

https://cdn.shopify.com/s/files/1/0955/2452/files/Decimal_Place_Value_Score_Sheet.pdf?4442265917995204357

<https://ed.ted.com/lessons/where-do-superstitions-come-from-stuart-vyse#review>

Good reporters do research before drawing conclusions. In our first edition of Condor News, we are encouraging you to select one or two well-known intriguing superstitions and research where they came from and how they came to be. When your research is complete, create a 1–2-minute video describing what you uncovered in your investigation. Share your videos by emailing them to us at our teacher emails. You can also check out these Kids News reporters for examples on doing video reports.

<https://www.cbc.ca/kidsnews/post/recap-u.s.-confirms-ufo-videos-are-real.-does-this-mean-aliens-are-too>

read it each week and complete weekly reading assignments. If you do not have any novels at home, you can sign out a book through the online NB library. (the website is on my teacher page.)

1- Select a Novel.


2- Divide the total number of pages by 4 and that is your reading assignment each week (ex: if the book is 100 pages long, you should read 25 pages each week.)

3- Complete the My Prediction Mini-Assignment (found on Ms. Harquail's teacher page).

4- Each time you read, complete a reading log. The reading log should include your starting and ending page and a summary of the key things that occurred in those pages. I included a sample, but you can do your reading log on any type of paper. Sample Reading Log (found on Ms. Harquail's teacher page).

5- Complete the Setting The Scene Mini Assignment (found on Ms. Harquail's teacher page).

- ★ Immersion students can choose to do this activity for their ELA class, FILA class or both.

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| <p>The Arts:</p> <p>While you are at a water source, collect some interesting looking pebbles or sea glass to bring home with you. Glue them onto some cardboard to create images. Try making your family or some of your favorite animals. Looking for inspiration? Check out “Stepping Stones” – A Refugee Family’s Journey” here.</p> <p>https://www.youtube.com/watch?v=b15TuJCOTV0</p> | <p>Positive Jar: All you will need to complete this activity is a jar or a container, paper and a positive attitude! Cut out pieces of paper and begin to write positive thoughts, memorable moments, funny moments, quotes, lyrics, favors, etc. Some positive jars are decorated with a color legend for the different thoughts in the jar. Some of a definition/rules of how to be used throughout the year or the month. Be creative and thoughtful through this activity.</p> <p>-If you completed this activity last week, this week’s positive jar should be a gift for someone who could use an act of kindness. Sharing positivity can go a long way to help someone feeling lonely. 😊</p> | <p>Cultural Comparison: Right now, different musicians from around the world are coming together to pay tribute to front line workers and spread the message that we are in this together. Watch these two videos, and using the <u>Venn Diagram graphic organizer</u>, compare how these tributes are similar and different. The first video is Canadian Artists singing <u>Lean on Me</u>. The second video is <u>SuperM</u> performing for the One World: Together at home organized by American Musicians.</p> | <p>Pros and Cons</p> <p>Write your thoughts on home learning. Do you like it better or would you prefer going to classes? What are the positives and negatives of learning at home? Do you have ideas / suggestions on how we can make it better? In a one page essay, share your opinion on home learning. Remember that your essay should have an introduction, body and conclusion. Share your opinion essay with us using our teacher emails.</p> | <p>Homeward Bound:</p> <p>As the weather heats up, many birds are migrating north for the summer. Find an interesting fact each day of the week about a migratory birds found in Canada or specifically Atlantic Canada. Write them down in a journal. Print or draw a picture of the bird to go with your journal entry.. Ex. The olive – sided flycatcher, found in every province and territory except Nunavut, is best known for its unique sound. Its song is made up of a loud, three – note whistle.</p>  |
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