



Middle Level Home Learning Week 4

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. :-)

B	I	N	G	O
ASD-N's Weekly Stem Challenge				
 <p>Upcycling is taking a product or material that you would generally throw away and turning it into something new and useful. This helps keep non-biodegradable junk out of landfills and our ocean. Find out some info on a Circular Economy here.</p> <p>https://www.youtube.com/watch?time_continue=217&v=zCRKvDyyHml&feature=emb_logo</p> <p>Your challenge is to find some items around your home that are broken or no longer being used and create something new!</p>	<p>Information Investigation: Watch the Video “Why Dogs have Floppy Ears”. https://ed.ted.com/best_of_web/ayvlyW4#review</p> <p>Scientists are often driven by unanswered questions. Write down 5 science questions you have always wondered or are curious about. Research answers to your questions. Once you have answered your questions, create a “Did you know” booklet or pamphlet displaying your findings. For those who feel like being creative — you could create a flap book or an interactive power point presentation to display your findings.</p>	<p>Knock out 30: You can play this game by yourself or you could have fun as a group. The goal of the game is to create different equations that would give you different answers from 1 to 30, in order to knock them out.</p> <p>Directions:</p> <p>1- Write the numbers from 1 to 30 on a sheet.</p> <p>2- Choose 4 random numbers from 1 to 9, we usually wrote them in a box. Ex: 4, 7, 3 and 9</p> <p>**These numbers are your numbers for the entire game. So choose wisely. 😊</p> <p>3- Using the numbers that you have chosen in step 2 (you can only use them once per equation), create different equations in order to knock out the numbers 1 to 30 on your sheet.</p> <p>Ex: $7 - 4 = 3$ (knock out 3)</p> <p>Ex: $4 + 7 = 11$ (knock out 11)</p> <p>Ex: $4 + 7 - 3 = 8$ (knock out 8)</p>	<p>12 Nail Challenge</p> <p>Nail one nail into a piece of wood. With the remaining 11 nails, try to balance all 11 on the head of the nail. Can you do it? Take a picture to prove it and send it to Mr. Mac.</p> <p>Disclaimer — if you are not comfortable hammering a nail into a piece of wood, ask your parent or guardian to do it for you.</p> <p>Mr. Mac will post a picture of a successful balance of 11 nails on the head of one nail.</p>	<p>Creativity Corner: Be your own author and create an interesting, creative short story to go with this illustration.</p> <p>https://www.shutterstock.com/image-illustration/personal-air-vehicle-flying-above-solar-554604724</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>What are the benefits of upcycling? Write a persuasive letter, about upcycling and its benefits, to a person of influence in your community. Write about your own upcycling project. Research who you can share your letter with and send it!</p> <p>Check out this video which highlights a mall that is like no other!</p> <p>https://www.youtube.com/watch?v=P-SVQTx0crg</p>	<p>Math — Mean, Median, Mode, Range</p> <p>Survey 10 people to find out their shoe size. Ask people in your home, contact friends on social media, and maybe even phone a loved one whose voice you haven't heard in a while.</p> <p>Find:</p> <p>mean (average) - Add up all your shoe sizes and then divide by 10</p> <p>median (middle) - If your list has an even amount of numbers take the two numbers in the middle, add them together, and divide by 2.</p> <p>mode (most common)</p> <p>Range — Subtract the smallest number in your list from the largest number in your list.</p>	<p>Science</p> <p>There are 8 levels for scientific classification in taxonomy. These are used to group and organize organisms (living things).</p> <p>Domain</p> <p>Kingdom</p> <p>Phylum</p> <p>Order</p> <p>Family</p> <p>Genus</p> <p>Species</p> <p>Watch the video link and then make up your own mnemonic to remember the classifications.</p> <p>https://www.youtube.com/watch?v=W B44iAAH5gU</p>	<p>Destination unknown:</p> <p>Make a wish list of 3-5 places you would like to visit. What do you want to do or see at each place? Select one of the places and create a travel brochure / pamphlet detailing why it is a great place to visit and all the fun things to see and do. Your goal is to convince / persuade others to visit.</p>	<p>Social Studies — In their Shoes</p> <p>Take a moment, think of the cultural mosaic (blend of different peoples of all races, creeds, and cultural origins) that exists in Canada. Canada is filled with people from all different backgrounds. In our own region, we have First Nations peoples, people of British origin, French origin, Danish origin, Swedish origin, Dutch origin, etc. Put yourself in the shoes of someone emigrating from their home country who has just arrived in Northern NB.</p> <p>Write a letter back home to your loved ones who stayed behind describing your arrival in Northern NB?</p> <p>Or</p> <p>Give an oral account to a family member of an encounter you had with a new immigrant to Northern, NB. What were they wearing? What did they eat? What language did they speak?</p>
<p>Numeracy: NB in 2012: Un-diverted waste per person: 651 kg Population: 758, 378 people How many tons of un-diverted waste went to landfills that year? Do you think NB has improved our recycling programs since then? Check out Recycle NB for more tips on waste reduction at home!</p>	<p>Creative ingenuity.</p> <p>As the weather starts to get nice, it's great to get outside and have fun.</p> <p>Using household items / materials design your own lawn / outdoor game. Write out the rules and</p>	<p>Ready for a challenge! 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>Social Studies</p> <p>Write a short letter about the environmental impacts, past and present, of the Mactaquac Dam on the St. John river.</p> <p>Consider the following in your short letter: animal populations in the area, livelihoods affected by the</p>	<p>Minecraft: Education Edition is now available through June 2020 for all learners who have a valid Office 365 Education account. All you need to do is login using your school ID. And explore their lessons or even join one of their challenges.</p>

 <p>https://recyclenb.com/waste-reduction-at-home</p>	<p>procedures. Invite family members to play. Be creative... Have fun!</p>	<p>https://www.brilliantlabs.ca/makerfun</p>	<p>damming of the river both positively and negatively, the impacts on biodiversity (number of plants and animals in the St. John river watershed), and how the river ecosystem has changed since the Mactaquac Dam opened in 1968.</p> <p>https://www.cbc.ca/news/canada/new-brunswick/mactaquac-dam-construction-1.4882068</p> <p>https://www.cbc.ca/player/play/1227309123723</p>	<p>-Explore lessons in STEM, language arts, history and more in the <i>remote learning toolkit</i>, such as modelling plant and animal cells, building historical monuments and using coding to design a garden.</p> <p>OR</p> <p>-Join the 2020 <i>Minecraft Education Challenge</i> using a customizable toolkit and solve real-world sustainability and inclusion challenges.</p> <p>https://education.minecraft.net/blog/microsoft-extends-access-to-minecraft-education-edition-and-resources-to-support-remote-learning/?ocid=FY20MEE_ema_omc_edu_nl_042020</p>
<p>Science / Social Studies: Choose a product you commonly use and research and create a map of its life cycle. What materials were used to make it? How and where was it produced? How was it distributed, sold and marketed? How was it used? How is it disposed of? How long would it take for its materials to break down in the environment? Check out this resource for help: Where's the impact?</p> <p>https://infohub.practicalaction.org/bitstream/handle/11283/621613/Where's%20the%20impact_.pdf?sequence=1</p>	<p>Share the laughs.</p> <p>Play a board or card game with your family. When you are done, create an advertisement (either poster or commercial) encouraging others to play the game as well. You are trying to sell the idea / game, so when you design your commercial or poster, remember to create convincing images / messages.</p>	<p>Art – Beach glass</p> <p>Go for a walk on a beach nearby to collect some beach glass.</p> <p>Create/recreate a scene with the beach glass of your own choice.</p> <p>Take a picture with your device or glue it to a piece of cardboard.</p> <p>Have fun! Laugh!</p>	<p>Coast to Coast to Coast</p> <p>We are very lucky to live in this amazing country. Each day of the week find an interesting fact about two different provinces or territories. Create a Canadian flag and write all the facts you find down inside the flag to show how amazing Canada is. Ex. New Brunswick has the highest, wildest tides in the world.</p>	<p>Integer war:</p> <p>Play a card game of war with a little twist. Each player flips two cards to create an equation of integers. You could decide with your opponent(s) which operation to practice. Will it be addition, subtraction, multiplication, division or will you get to decide each hand, the operation you choose to apply in the equation? Whoever has the biggest answer wins that hand. Have fun!</p>
<p>Your Trash, Your Treasure: Create a name plaque using old materials such as; nails, utensils, buttons, pieces of glass, handles, parts from old electronics, fabric.</p>	<p>Magic Time:</p> <p>Search up a magic trick that you will be able to learn and share with your family and friends. There's a</p>	<p>Read the Article "How the Guinness Book of World Records became an international phenomenon" (follow the link below). When you have finished reading it, go to the showcase of Guinness World records.</p>	<p>Silhouette of words:</p> <p>With a good light source (lamp or even the light from your phone) trace your own shadow or even an object's shadow. It could be the</p>	<p>Planetary Perfection:</p> <p>April is the month of Venus. Search the sky to see if you can find this planet which will shine its brightest this month! Watch this link to learn about</p>

	<p>ton out there, which one will you chose?</p> <p>You will have to write down the steps as a procedural writing piece. If you wish, you could also tape yourself and share this video through email.</p> <p>Here is a link of one magician sharing his “secrets” to 7 Easy Magic Tricks for Kids.</p> <p>https://www.youtube.com/watch?v=fj6D3LwjZ1s</p>	<p>Read about all the different Guinness World records that have be set over the years. Select what you would consider to be the 10 best world records. Create a “My Top 10 Guinness World Records of all times” display or List. Your list / display should have a description of the record and a paragraph explaining why you think it makes your top 10. Share your list / display with your family. (Immersion students can write and discuss in French).</p> <p>https://www.tweentribune.com/article/tween56/how-guinness-book-world-records-became-international-phenomenon/</p> <p>https://www.guinnessworldrecords.com/records/showcase/</p>	<p>silhouette of your head, your hand or maybe even a toy or an object. Once it is traced, you will fill in the silhouette with words, phrases and sentences. You could share facts, your thoughts, your feelings, your opinions and even your questions.</p> <p>You could write this in English, in French or even both and make it a bilingual piece.</p>	<p>other stars you might see in our sky this month.</p> <p>https://www.jpl.nasa.gov/video/details.php?id=1612</p>
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