

Middle Level Home Learning Week 8

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 ASD-N's Weekly Stem Challenge	I	N	G	O
<p>The Challenge:</p> <p>Rube Goldberg was a cartoonist and inventor who liked to create overly complex machines to complete a simple task using a series of chain reactions. Think dominoes, ramps, levers, pulleys, and more!</p> <p>Your challenge is to watch some Rube Goldberg machines in action, get inspired, then create your own machine outdoors using natural objects such as rocks, sticks, hills, etc.</p> <p>https://www.mnn.com/green-tech/gadgets-electronics/stories/7-best-rube-goldberg-machines-ever-built</p>	<p>Take Action! Become a Global Citizen – Part 1 <i>(This will be a three part activity spread out over the next 3 weeks. You can choose to do all three parts or only the parts you want.)</i></p> <p>There is nothing like a PANDEMIC to remind us of how closely we are all connected and how each of us can make a difference. Citizenship is our responsibility as individuals to make a world a better place. We need to care about people, community and our world.</p> <p>(Remember what Becca Schofield did). This week we are asking you to reflect on /answer these three questions. Write your thoughts down in a journal or somewhere that you won't lose them.</p> <p>Reflection Questions:</p>	<p>Feeling Touristy – ELA</p> <p>It looks like the travel within NB will be our only option for a while. Search Tourism NB's website and choose a place that you would like to visit and write about it. Explain why you chose it, how long it would take to get there and who would you like to travel with.</p>	<p>Junior Chefs!</p> <p>Calling all cooks! Put on your chef's hat and try creating a tasty dish or amazing snack. While practicing social distancing, many adults and children are improving their life skills – one of them being cooking. Below are some different sites with recipes you can try. Create a mini- cooking video describing your dish and how you made it. Please feel free to share "cooking video" with us.</p> <p>https://www.tasteofhome.com/collecion/easy-recipes-for-kids-to-make-by-themselves/</p> <p>https://www.allrecipes.com/recipes/453/everyday-cooking/family-friendly/kid-friendly/</p>	<p>String Art Geometry:</p> <p>With help of a parent, you will create a board that will allow you to play with shapes in order to create a piece of art.</p> <p>Material: Wood, nails, hammer, pencil, ruler and string or yarn.</p> <p>Step 1: Design/Measure the shape (square, circle, triangle, cross) that you will be using on your board as a grid. The more nails you have, the more complex the board will be.</p> <p>Step 2: Start creating your art with the string by tracing different shapes. You could layer the shapes or even rotate the shapes in order to create a cool effect.</p> <p>Here is a link to give you more ideas and challenges (divided into age groups up to adult level)</p>

	<p>-What makes a great community?</p> <p>-What does your community need?</p> <p>-What is your passion and how can it help your community?</p>			<p>in order to create a creative and beautiful art pieces.</p> <p>https://babbledabledo.com/mat-h-art-idea-explore-geometry-string-art/</p>
<p>Literacy/Technology:</p> <p>Create a Stop Motion story with natural items such as sticks and rocks. Check your device's app store for some great Stop Motion apps. Narrate your story and share it with us! Check out this video for some inspiration!</p> <p>https://www.youtube.com/watch?v=S3pgMyjHACQ&feature=youtu.be</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 that can be played by 4 or less people. When you are done, create an infomercial to tell others about your new invention. Encourage others to play by sharing your infomercial with family and friends. Be creative... Have fun!</p>	<p>Place Value Yahtzee:</p> <p>Good old game of Yahtzee with a twist. You can download the Yahtzee sheets (that you would like to play/practice) on the website link down below, or you could create your own.</p> <p>https://games4gains.com/blogs/teaching-ideas/place-value-game-of-yahtzee?epik=0u0EvE_IWn95x</p>	<p>Waterfalls – ELA</p> <p>Mr. Mac has always been enamored by fascinating waterfall formations within our province. With travel restrictions still in place I'm thinking of visiting a waterfall. I have a problem, my GPS isn't working and I can't chose which one to go to. Using google maps, find directions to a waterfall of your choice with the departure from DRHS. List the turns, and distances to each way point along the way. You could even plan a trip with your family to a waterfall.</p>	<p>Appliance Deconstruction</p> <p>It's the time of the year for Spring cleaning. Your parent or guardian may be hoping to throw out an old appliance, that just doesn't work anymore. Your task is to deconstruct (take apart) the appliance, without smashing it, and record the steps along the way. Taking apart appliances can give us an appreciation into the effort and intelligence behind the design. Maybe you'll even fix the appliance and extend it's life inside your home. Toasters, irons, radios, and other appliances all make excellent candidates for a project like this.</p>
<p>Social Studies:</p> <p>Like everyone, Indigenous people have beliefs that are very important to them and a part of</p>	<p>Photo Scavenger Hunt:</p> <p>After a cold winter, there is nothing better than getting outside and enjoying the signs of spring. Using the following check list, go on an</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</p>	<p>Logic Puzzle Part 2:</p> <p>Do you have what it takes to be a logic master? Not everyone does. Logic puzzles were</p>	<p>Brain Teaser:</p> <p>You must decipher the meaning of the words and pictures in each square. For example, in the first</p>

<p>their daily lives. One very belief that most Indigenous People share is that all parts of Mother Earth are very important; Mother Earth or the land is their teacher. Mother Earth or the land teaches them about their cultures, languages, way of life, how to be connected and thankful for every gift given by Mother Earth. When you are gathering items for your Rube Goldberg machine, think about ways you are connected to the land around you. Think about and show a way to say 'thank you' to Mother Earth for all her gifts! Check out this video to see how Stephen Jerome is grateful for Mother Earth.</p> <p>https://vimeo.com/244882764</p>	<p>outdoor Spring scavenger hunt. Take pictures of each of the items you find. Create a photo collage of your findings. Your collage should have a creative title. When you are done creating your collage, write a ½ page personal reflection answering one of the following questions:</p> <ul style="list-style-type: none"> – Albert Einstein, famed theoretical physicist, once said, "Look deep into nature, and then you will understand everything better." What do you think he meant? – How does your body feel when you are spending time in nature? How does your mind feel? <p>https://static1.squarespace.com/static/536fe0f6e4b08758c320b79a/t/5ea7893615cee42407597d52/1588037945998/Nature+Scavenger+Hunt+2020.pdf</p>	<p>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>invented by writer Lewis Carroll and developed further by mathematician Raymond M. Smullyan. Both created puzzles that tested people's deductive reasoning skills. In this logic puzzle, four professional drivers were invited to drive their personal race cars on a new racetrack. Each argued that their car would be the fastest and preform the best. Read the clues, uncover the information to identify which driver had the fastest car. You can email me your answer and I'll let you know if you are a logic puzzle master.</p> <p>http://drhs.nbed.nb.ca/ms-k-harquail/document/professional-drivers-logic-puzzle</p>	<p>square, you have the word "MAN" and the word "BOARD". The man is written on top of the board so the picture stands for "Man Over Board".</p>  <p>Here is the link to see the full sheet. We will post the answers to this brain teaser on the bottom of the next week's bingo card.</p> <p>https://www.diypartymom.com/2014/03/hidden-meaning-brain-teaser-free.html</p>
<p>Science/Numeracy:</p> <p>Nothing happens until something moves- Albert Einstein. A force is a push or pull that acts on an</p>	<p>The 5 Kingdoms - Science</p> <p>In the classification of living things there are 5 kingdoms:</p>	<p>Science – I've Shrunk!</p> <p>Imagine that you have been reduced to the size of a small insect such as an ant. Write and illustrate a story about the</p>	<p>Smore Solar Oven:</p> <p>We are enjoying this beautiful weather. So why not take advantage and bring your</p>	<p>Novel Study - Week 3:</p> <p>Congrats on finishing week 2 assignments. This week read your Third section of pages.</p>

<p>object. Force is measured in 'Newtons' and is found by using the formula: $\text{Force(N)} = \text{Mass(kg)} \times \text{Acceleration(m/s}^2)$ OR $F=MA$.</p> <p>Watch this video for more information and to help you solve the problem below:</p> <p>https://www.pbslearningmedia.org/resource/npe11sciphysmfwacce/ima/accelerating-mass-fma/</p> <p>A ping pong ball cannon (https://www.youtube.com/watch?time_continue=204&v=cxcd9SRax3l&feature=emb_title) was created to launch a ping pong ball that accelerates at a rate of 8000 m/s^2 . If the ball has a mass of 0.003 kg, what force would have been needed to launch the ping pong ball? (Hint: fill in the formula: $F=MA$)</p>	<p>Monera, Protist, Plant, Animal, and Fungi.</p> <p>Monera – Includes organisms like bacteria.</p> <p>Protist – Includes single-celled organism like amoebas and some algae.</p> <p>Plant – Includes trees, flowers, grasses, etc.</p> <p>Animal – Includes cows, sea turtles, humans, etc.</p> <p>Fungi – Includes white mushrooms, chaga, etc.</p> <p>Go on a nature walk or for a stroll through your community or virtually, and find living things from 3 of the 5 kingdoms.</p>	<p>organisms you imagine you'll encounter throughout your day. If you need some inspiration you could always watch the movie, Honey, I shrunk the kids!</p> <p>Here's a clip of the yard scene:</p> <p>https://www.youtube.com/watch?v=yOvhlYnoRKQ</p>	<p>learning outside. Bonus, you will be able to enjoy a sweet treat with your family. Here is a link down below of suggested material and instructions in order to create your eco-friendly oven. You can always add your own personal touch to this experiment by making changes to the material list or steps (or search the web for a different approach, there are lots of great ideas out there). You could even create two ovens in order to compare them and see which one gave you the best results or maybe even the fastest results. Remember, test, readjust and retest. Enjoy!</p> <p>https://redtri.com/smores-science-project-a-sweet-conclusion/</p>	<p>Continue to write a reading log each time you read.</p> <p>When you have completed the reading allotment for this week, please complete the Plot Mini Assignment.</p> <p>http://drhs.nbed.nb.ca/ms-k-harquail/document/plot-mini-assignment</p> <p>We would love to hear about your books. Please message us on messenger or using our teacher email to tell us what you are reading and about your books.</p> <ul style="list-style-type: none"> ★ Immersion students can choose to do this activity for their ELA class, FILA class or both.
<p>The Arts: Painting is a great way to express yourself and paint can be applied in many different ways. Leaves, pinecones, twigs, grass, and flowers can all be</p>	<p>It's Genius Hour Time!!!</p> <p>Are you missing genius hour? We sure are! Design and create your own home learning project.</p>	<p>Change of Scenery:</p> <p>Sometimes writing in a different location helps inspire our creativity. Try creating a comfy spot outside and let the sights,</p>	<p>Rooftop Challenge – Phys. Ed</p> <p>Find a bouncy ball (tennis balls are the best) and a roof. It could</p>	<p>Virtual Olympics 2020 Journal:</p> <p>Congrats on joining ASD – N's virtual Olympics. We hope you</p>

<p>used to create unique DIY paintbrushes. You could even try stamping with stones. Don't forget to upload your artwork to our pages! Check this challenge out with Brilliant Labs (https://www.facebook.com/brilliantlabslabosbrillants/photos/a.1437115956534015/2624857294426536/?type=3&theater) and maybe try making your own paint here! https://www.funkidslive.com/su-mmer-challenge/make-paints-plants-berries-powders/</p>	<p>Your project must link to one of the subjects / classes you take in school. When you have chosen your project, write up a project proposal – a paragraph describing what your project will be, what you hope to learn and how you will accomplish it. When you have completed the project, you must write a journal reflection – describing how the project went and what improvements / changes you would do if you were to redo the project. Take pictures and / or videos as you do your project and include them in your journal reflection. Have fun! Be creative! Think Outside The Box!</p>	<p>sounds, and smells stimulate your creative thoughts. Follow the writing prompt to create an amazing fictional writing piece.</p> <p>Prompt: <i>In your senior year of high school, your best friend and you land the job of a life time – working part time in a research center. One day you enter to discover one of the scientists have created a working time machine prototype! Excited, you and your friend jump in this marvelous technological advancement. Where do you go? What do you do? What happens? Tell the story of your time travel adventure!</i></p> 	<p>be on your house or on your shed or garage.</p> <p>Here's the challenge:</p> <p><u>Do each challenge 10 times.</u></p> <ol style="list-style-type: none"> 1. Throw ball on roof let it bounce, catch on one bounce with two hands. 2. Throw ball with right hand, let it bounce, catch on one bounce with right hand. 3. Throw ball with left hand, let it bounce, catch on one bounce with left hand. 4. Throw ball with either hand, spin as many times as you can, and catch on one bounce with two hands. 5. Throw ball, do as many pushups or sit ups that you can, catch on one bounce with two hands 	<p>are excited to participate in the daily challenges. While you are participating in the “Olympic” Challenges, please write a personal reflection about each day's events. You can include your opinion on the activity, funny stories about your family's participation, or your feelings about how you did. Include pictures or hand drawn artwork to accompany your journal.</p>
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