



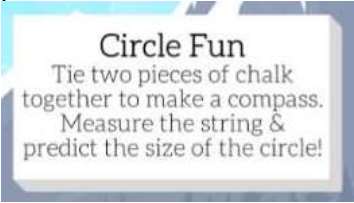
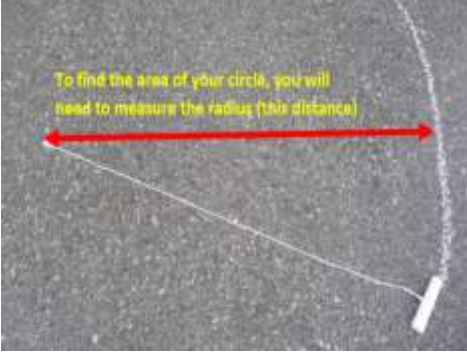




Learning Plan - Grade 8 April 27 – May 1, 2020

Do the best you can! Focus on life skills, physical activity, mental well-being, creative expression, social responsibility and social connections. Stay healthy and safe!

Every day, students should be **reading** for 30 minutes and getting 30 minutes of **physical activity**.

Math – The theme for the week is “**Bears**”. You are encouraged to spend 30 minutes a day on these activities. Here are some options for this week. Feel free to share your work with one of the teachers listed. Kayla.oakes@nbed.nb.ca, Erin-beth.daneluk@nbed.nb.ca, vicki.lafrance@nbed.nb.ca, susan.baker@nbed.nb.ca or claudine.dionne@nbed.nb.ca

Activity	Materials / resources	Instructions
<p style="text-align: center;">Game</p> <p style="text-align: center;">Would you rather??</p>	<p>Share equal slices of cake from pan A with 8 friends OR share equal slices of cake from pan B with 6 friends?</p> 	<p>Look at the picture with the 2 birthday cakes, would you rather have a piece from Cake A shared with EQUALLY 8 friends or a piece from Cake B shared with EQUALLY 6 friends? Explain why you chose your option.</p> <p>Extension: Ask a family member which option they would choose; did you choose the same option? Why?</p>
<p style="text-align: center;">Practice on-line</p> 	<p style="text-align: center;">IXL</p> <p>**If you did NOT get your new username and password for IXL please call the school at 273-4760 and leave a message and we will contact you.</p>	<p>Log on to IXL by clicking the link under Materials/resources and try out Surface Area under grade 6 and 7 (Cubes and Rectangular Prisms).</p> <p>Challenge: Try surface area under grade 8 (Cubes and Rectangular Prisms).</p>
<p style="text-align: center;">Journal Activity</p> <p>Time to get outside and practice some math fun!!</p> 		<p>See below (Grade 7 Review) to refresh your memory on how to find the area of a circle. Next, grab a measuring tape, string and some chalk and head outside to create and find the area of some circles. Sketch your circles and calculations in your journals.</p> <p>Snap a pic and send it to one of your teachers and we will post it on our social media pages.</p>
<p style="text-align: center;">Grade 7 Review</p> <p>You are going to review area of a circle from grade 7 as an introduction to surface area of a cylinder, which you will be doing next week.</p>	 <p>The diameter of this logo is 3m (remember that the radius is half of the diameter)</p>	<p>Remember the formula for AREA of a circle is $A = \pi r^2$</p> <p>Example of a circle that is 16cm wide.</p> $r = \text{diameter} \div 2, \quad 16 \div 2 = 8$ $A = \pi r^2$ $A = 3.14 \times (8 \times 8)$ $A = 3.14 \times 64 \text{ cm}$ $A = 200.96 \text{ cm}^2$ <p>Now, calculate the AREA of the Bear logo on our gym floor that has a diameter of 3m.</p>
<p style="text-align: center;">Surface area - hands on practice</p> <p>How much paper will it take to wrap the box up to mail?</p> 	<p><u>Example - finding SA of a box with my BEAR shirt</u></p> <p><u>VIDEO - How to find surface area of a box</u></p> <p><u>VIDEO - example 2 of finding surface area</u></p> <p>box ruler Calculator</p> <p><u>Shortcut to see how to calculate SA of a rectangular prism</u></p>	<p>Using the example / videos in the materials/resource column, solve the following problem.</p> <p>You want to have your name put on the back of your PAMS BEARS shirt before going back to school. Since stores are closed, you must put your shirt in a box and send it by mail to the printing company.</p> <p>Problem: How much paper do you need to wrap the box up to mail? To find the exact amount, I need to calculate the surface area.</p> <p>Take a picture of your work and send it to your teacher.</p>









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Language Arts – The theme for the week is “**Bears**”. You are encouraged to spend 30 minutes a day on these activities. Here are options for this week. Feel free to share your work with one of the teachers listed. Kayla.oakes@nbed.nb.ca, Erin-beth.daneluk@nbed.nb.ca, vicki.lafrance@nbed.nb.ca, susan.baker@nbed.nb.ca or claudine.dionne@nbed.nb.ca

Activity	Materials / resources	Instructions
<p>Research school mascots</p> 	<p>Info on mascots</p> <p>Importance of mascots</p>	<p>Questions:</p> <ol style="list-style-type: none"> 1. What is the purpose of a school mascot? 2. Is the PAMS' Bear an example of a school mascot? Why or why not? 3. How does PAMS use the BEAR logo to encourage school spirit? Give examples. <p>Share your findings with your teacher or family (notebook, graphic, journal etc.)</p>
<p>Create a Mascot</p>  <p>Mrs. Oakes' family mascot (Severus the Pitbull)</p>	<p>When creating your mascot, consider the following:</p> <ul style="list-style-type: none"> • Think of an animal that represents your family. For example, if your family goes on a family fishing trip every year you might want to make your animal a Salmon. • Try to think of an animal or theme that unites everyone in your family. • When thinking about colors, try to think of colors that are specific to your family. For example, if your house is green you might want to have your mascot animal wearing green clothing. <p>Web link - 5 steps to creating a mascot</p>	<p>Using the tips in the resource column and the link provided, draw, or build a mascot that represents you and your family.</p> <p>After designing your mascot, write a paragraph or two explaining how the mascot represents you and your family.</p>  <p>Share your family mascot with the bears Instagram page with #pamsbears.</p> <p>You are also encouraged to share your mascot with family, friends and/or teacher.</p>
<p>Write a chant/song for PAMS that shows your school spirit.</p> 	<p>Here are some websites to get you started:</p> <p>Cheers for schools Cheers and Chants</p> <p>Example of a School Chant</p> <p>Hint: Start off with a simple phrase or poem</p> <p>Ex:  We are the Bears with lots of spirit, Come a little closer and you will hear it... </p>	<p>Many schools have chants that the whole school learns and says together. Create your own chant for PAMS that could be said at school assemblies.</p> <p>Use google to research some middle school chants then create your own for PAMS.</p> <p>Share a video of you saying or singing your chant with your friends or perform it for your family! There will be a draw for a prize from all cheers that are shared with your teachers.</p>






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Science :The theme for the week is “**Bears**”. You are encouraged to spend 30 minutes a day on these activities. Here are options for this week. Feel free to share your work with one of the teachers listed. Kayla.oakes@nbed.nb.ca, Erin-beth.daneluk@nbed.nb.ca, vicki.lafrance@nbed.nb.ca, susan.baker@nbed.nb.ca or claudine.dionne@nbed.nb.ca

Activity	Materials / resources	Instructions
<p>Experiment Learn about osmosis through gummy bear experiments</p> 	<p>VIDEO - science experiment with Gummy Bears</p> <p>VIDEO - Example #2 gummy bear experiment (If you do not have access to gummy bears you can watch the experiment here, or use another type of gummy candy)</p>	<p>Follow the instructions on the website provided and complete. (If you do not have access to the materials watch the linked YouTube video)</p> <p>Questions:</p> <ol style="list-style-type: none"> 1. What is osmosis? 2. Observe what happened to the gummy bears when left in each liquid. 3. What do you think would happen if you left the gummy bear in longer? Explain  <p>Take a picture of your results and share with your teacher. We will also post it on the PAMS Instagram page with #pamsbears</p>
<p>Fact or Fiction Do Bears actually hibernate?</p> 	<p>LINK : Do bears actually hibernate?</p>	<p>Go to the website to answer the following questions:</p> <ol style="list-style-type: none"> 1. What is hibernation? 2. Where do bears sleep? 3. Why can't humans hibernate? 4. How is quarantine similar to hibernation? <p>Make a list of 5 new pieces of information that you have learned, take a picture and send them to a friend or a teacher.</p>
<p>Research the impact of climate change on hibernation.</p> 	<p>LINK : Why are bears waking up early?</p> <p>LINK : Bears waking up early from hibernation</p> <p>LINK : bears not hibernating due to climate change</p>	<p>Check out the linked websites (you may use other ones as well) to gather information about hibernation and how climate change can affect it.</p> <p>Guiding questions:</p> <ol style="list-style-type: none"> 1. How does climate change interfere with hibernation? 2. What happens to the animals when they wake up from hibernation early? 3. Globally we have been seeing the positive effects of climate change during the covid-19 lockdowns, do you think this will make a positive or negative impact on hibernation? <p>Create a trivia game to play with your family about information that you learned about climate change and hibernation.</p>





Learning Plan - Grade 8 April 227 – May 1, 2020

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Social Studies – The theme for the week is “**Bears**”. You are encouraged to spend 30 minutes a day on these activities. Here are options for this week. Feel free to share your work with one of the teachers listed. Kayla.oakes@nbed.nb.ca, Erin-beth.daneluk@nbed.nb.ca, vicki.lafrance@nbed.nb.ca, susan.baker@nbed.nb.ca or claudine.dionne@nbed.nb.ca

Activity	Materials / resources	Instructions																
<p>Plan Home Spirit activities for May.</p> 	<p>Google Search</p> <p>Example- PAMS</p>	<p>Using Google search “home spirit day ideas” or brainstorm ideas with your family.</p> <p>Your plan should include:</p> <p>The theme for each week and at least three days of events for each week.</p> <p>Share your plan by creating a calendar with events/images. Try to plan at least three days of events for each week during the month of May.</p> <p>Send a picture of your family participating in your events as you complete them to your teacher. With your permission, we'll post to Instagram #PAMShomespirit</p>																
<p>Compare/Contrast our school mascot</p> 	<p>link - middle schools in NB</p>	<ul style="list-style-type: none"> Use the link in the resource section or your knowledge of local schools, compare and contrast at least 3 other middle schools mascots in New Brunswick. Recreate a table like this to record your information <table border="1" data-bbox="841 1473 1497 1645"> <thead> <tr> <th>School</th> <th>Mascot</th> <th>Similarities</th> <th>Differences</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> <p>Share your table with your teacher.</p>	School	Mascot	Similarities	Differences												
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<p>Analyze the stereotypes in Mascot use</p>	<p>Native American Stereotypes in Mascots</p> <p>Overuse of indigenous mascots</p> <p>Toronto changes mascots</p>	<p>Questions to guide your analysis:</p> <ul style="list-style-type: none"> What types of stereotypes are evident in mascot use? How do these stereotypes harm people? PAMS used to have a “Raider” as its mascot. Do you think the “Raider” was a stereotype? Explain your answer. Show how the Bear mascot/logo is more inclusive (involves entire school population) than the Raider logo. Tips: What qualities does the mascot portray? Are these qualities that everyone can relate to? <p>Use the information you have learned to create a news story sharing your findings either in writing or audio/video recording. Share this with your teacher.</p>																