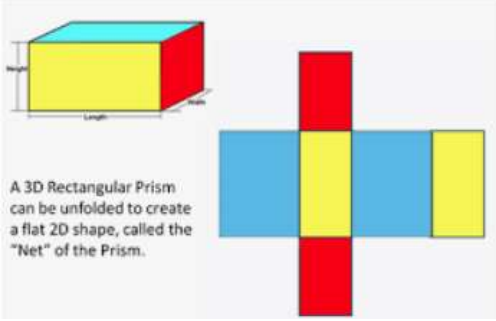





Learning Opportunities - Grade 8 Math - April 14th-17th

Try to work on the learning opportunities for 2 hours each day.
Every day, students should be **reading** for 30 minutes and getting 30 minutes of **physical activity**.

Math - The theme(s) / big ideas for this week is to learn about **the net and surface area of a rectangular prism (a box)**. You are encouraged to spend about 30 minutes per day or 2 hours this week on math. Here are options some activities for you to choose from. If you would like to share your work, take a picture and send it to Mrs. Daneluk at erin-beth.daneluk@nbed.nb.ca.

Activity	Materials/resources	Instructions / considerations
Drawing 3D shapes can be fun. Find a scribbler or paper to use as a math journal and practice drawing rectangular prisms (you may have called them boxes).	Pencil Journal https://www.youtube.com/watch?v=waM1YFSMt8A https://www.youtube.com/watch?v=RQmjUgXbhrs	Watch the video and draw 3 rectangular prisms. Share your new skill with someone in your family.
Let's learn about nets of shapes. When you flatten a 3D shape, you get what we call a "net". 	Watch Brian McLogan explain how to draw and make net of a box. https://www.youtube.com/watch?v=5I761otzp2w You will need a box/ scissors/tape/marker	Create a net from a box you have at home and outline the sides. A cereal box works well. Follow the instruction and pictures on this link. You can take a picture of your net and send it to me if you would like to share. Steps to follow to create a net
Learn about surface area by watching Mr. Chen explain the surface area of a rectangular prisms.	https://www.youtube.com/watch?v=kSj_Wo5hdVU	Journal : In your journal sketch the net for the first shape Mr. Chen showed us. Write the area of each face in your net. What is the total surface area? Check your answers here
Find the easiest way to make a paper cube?	Take a look at this video, https://www.youtube.com/watch?v=-o4IuLVXoTs You will need a pencil, paper and tape for this activity.	Challenge time: After watching the video, make your own paper cube. Can you find an easier way using a net? Take a picture and share if you would like.
Where the numbers on a dice are placed matters. Can you place them correctly? 	Pencil	Number challenge: Turn your paper cube into a dice. Place the numbers 1 to 6 on the dice so that the sum of the opposite faces is always 7. (opposite sides add up to 7).