

The Virtual Classroom – Week 7

Here are 12 activities to try this week. Try 3 per day.

You can email me your results and even include pictures of your creations. Good luck, have fun and wash your hands – Jayson.ricker@burnabyschools.ca or rickerjay24@gmail.com .

<p>Think about a memorable setting in a book you have read. You are now a travel agent and must “sell” tourists on coming to your location. How would you do this?</p>	<p>Some numbers like 1, 4, 9, 16 are called square numbers. Some numbers like 1, 3, 6, 10 are called triangular numbers. Why would these numbers be identified as square or triangular. Can you name other square and triangular numbers? (Hint: you might find building these quantities with objects helpful to answer this question.)</p> <p>https://thinkmath.edc.org/resource/square-number</p>	<p>If the theoretical probability of rolling a “4” on a die is $\frac{1}{6}$, predict how many times the outcome will be “4” if you roll the die 42 times. Now try it. Roll the die 42 times. Did the number of times you rolled a “4” agree with the theoretical probability? Explain why this happened.</p>
<p>Imagine you can have any animal in the world as a pet. Write a letter to your parents explaining why they should let you get this animal. Think about costs and housing as well as the benefits you will get from having it.</p>	<p>Draw three different triangles that have one side 2cm long and one side 4cm long. Which triangle has the greatest area?</p>	<p>Paper ball Hacky Sack. Find a piece of scrap paper and crumple it into a ball. With a family member or alone see how many hits you can get with your feet and knees before the ball hits the ground. How far is your best number from 5, 10, 100, 1000?</p>
<p>A haiku is a short poem consisting of 3 lines. Line 1 has 5 syllables, line 2 has 7 and the third line has 5 again. They are usually about nature and use similes and metaphors to compare two different elements. Experiment with this type of poetry to see what you can create.</p>	<p>Using string or yarn and some chair legs (one or more chairs), see how many different angles you can make? How could you measure those angles if you don’t have a protractor?</p>	<p>Complete the 10 to 1 endurance challenge - 10 jumping jacks, 9 high knees, 8 sit-ups, 7 toe touches, 6 mountain climbers, 5 single lunges, 4 push-ups, 3 squats, 2 star jumps, 1 burpee - How many rounds can you complete in 20 minutes?</p>
<p>Amazing Artifact – An artifact is an object that has significance or meaning behind it. What would be an artifact that would best describe YOU? Communicate what it is, and why it best exemplifies you.</p>	<p>A number is 5 times larger than another number. If you add 6 to the sum of those numbers it equals 60. What are the 2 numbers?</p>	<p>Find a recipe for making cookies. How would the measurements change if you need three times as many cookies as this recipe makes? How would the measurements change if you only want to make half of the cookies? Rewrite the recipe to show what is needed to make twice the number of cookies and half the cookies.</p>