Home Learning Activities: Week 1

Grade 6J – Mr. Methot

*These are only suggestions of some appropriate and hopefully fun activities that will help students extend upon their in-school learning. Not all activities have to be done, so do what you can, however I would encourage everyone to take a part of each weekday to attempt an activity that I share, even if it is only for 10 minutes. The activity or activities for each day could probably last for about 30 minutes, or longer if you so choose. The amount of time spent per day on activities that I share is up to each student, but an hour per day would probably be the maximum, and 30 minutes would be the ideal. The schedule of activities for each day of the week does not need to be followed it is simply a suggestion to spread out the activities evenly throughout the weekdays. For example, Monday's activity can be done on Thursday, or Monday's activity can be done twice on 2 separate days if the student really enjoys it.

Monday

- **Fractions bingo:** It can be played with a sibling(s) or parent(s). You will need a pair of dice and a game board for each player. The game boards can be printed off from the following link or if you are unable to print the game boards, they can be hand drawn on paper.
  https://drive.google.com/file/d/1dA-5UHZmINt2FaanIxEhOfLm5FQirUB9/view

  To play the game, each player will take a turn rolling the dice. The numbers rolled on the dice become your fraction, with the smaller number always on top (numerator). Based on the fraction, each player will colour in an appropriate fraction circle accordingly on their game board. For example, if you roll a 2 and a 3 on the dice, the fraction becomes 2/3. So on the game boards, each player will look for a fraction circle divided into 3 sections, and colour in 2 of the sections. If the same number is rolled on both dice, for example a couple of 4's, then your fraction is 4/4 which is equal to 1. Players

can either colour in all 4 sections of a circle divided into 4 sections, or colour in a circle that is a whole that is not divided into sections. To win you need to colour in five fractions in a row, just like Bingo! Or if you want you can go for an 'X' or the four corners or a full card. Good luck! 😊

Tuesday

- **Kakuro puzzles:** These puzzles are a personal favourite of mine that I love to do from time to time. Using only the digits from 1-9, you must fill in the empty squares with the correct digits that add up to the sums indicated in the triangles. Some of the sums are horizontal and some are vertical depending on which way the triangles are facing. For each sum you cannot have any repeating digits, like Sudoku, however unlike Sudoku you do not need to use all the digits for each sum. There are certain sums that always use the same combination of digits. Here are some that are constant that make solving the puzzles easier (17 with two squares uses 9 + 8, 3 with two squares uses 2 + 1, 6 with three squares uses 3 + 2 + 1, 7 with three squares uses 4 + 2 + 1, 4 with two squares uses 3 + 1, 16 with two squares uses 9 + 7, 23 with three squares uses 9 + 8 + 6, 24 with three squares uses 9 + 8 + 7).

  The following website provides a variety of Kakuro puzzles that range in difficulty levels and grid size which you can adjust on the left side of the page. You can also check to see if your digits are correct by clicking on the 'check' button. If a digit is incorrect the box will light up red. Enjoy!
  https://www.kakuroconquest.com/4x4/easy

Wednesday

- **Science/STEAM activity:** Now that spring has arrived and the snow is quickly melting, there will be more and more birds coming into our backyards. Using items around the house, create a bird feeder that you can hang in a tree outside. Feel free to share a picture on our Teams page of your bird feeder in a tree, or even of you standing next to your bird feeder. If you include bird seeds in your feeder, you might even be able to capture a picture of a bird at

your feeder! This is a good opportunity to spend some time outside with nature.

Thursday

- **Netmath questions:** On the following website there are practice questions in French on various math topics, many of which we have covered already this school year.
  https://activities.scolab.com/fr/a-vos-maths-confirme/#1/curriculum/NBRV

  Once you click on the link, there will be a variety of topics to try. Here are some that I would suggest attempting: *Sélectionner et représenter une fraction d'un ensemble d'objets*, *Déterminer l'ensemble des diviseurs d'un nombre naturel*, *Situer une fraction sur une droite numérique*. Also, if you want to try more questions of the same topic you can refresh the page to get similar questions but with different numbers.

Friday/Easter Weekend

- **Easter baking activity**: With the help of a parent, show your baking skills by baking an Easter dessert/treat. While mixing ingredients, notice the fractions that are being measured and compare their sizes to see which ones are bigger or smaller. These fractions can be converted from a mixed number (1 ½ cups) to an equivalent improper fraction (3/2 cups). Once your dessert is finished baking, feel free to post a picture on our Teams page showing what you baked!

Thinking of you all!

https://twitter.com/gerritbosma9

https://en.wikipedia.org/wiki/Toronto_Maple_Leafs