

Home Learning Activities: Week 1

Grade 7M – 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

- **Card games:** *Fractions war* and *adding fractions*. Can be played with a sibling(s) or parent(s) and both require a standard deck of playing cards.

The first card game, *fractions war*, involves finding the largest fraction. Remove the Jokers from the deck. The face cards can have the following number values: Jack = 11, Queen = 12, King = 13, Ace = 1. For each round, deal out 2 cards to each player. The first card becomes the numerator (top number) and the second becomes the denominator (bottom number). The player with the largest fraction wins all the cards from that round. Continue playing until all the cards in the deck are used, and the player with the most cards at the end is the winner.

The second card game, *adding fractions*, involves adding fractions together. Remove the Jokers from the deck. The face cards can have the following number values: Jack = 11, Queen = 12, King = 13, Ace = 1. For each round, deal

out 2 cards to each player. The first card becomes the numerator (top number) and the second becomes the denominator (bottom number). Add the fractions together using a common denominator. Continue playing for as many rounds as you want to.

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: *Situer une fraction sur une droite numérique, Représenter une fraction par un nombre décimal et vice versa, Révision 7 - Le nombre, les régularités et les relations*. 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 added together as well ($1 \frac{1}{2}$ cups + $1 \frac{1}{4}$ cups = $2 \frac{3}{4}$ 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!

