**Grade Four Lesson Plans Week Five (May 11-15, 2020)**

**Day One**

**Numeracy**

1. Sign in to Sum Dog and practice your math facts for at least 15 minutes!

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| 1. Make the *largest* and *smallest* numbers you can find using the digits 9, 6, 1, 8 and 2. Find their *sum(adding)* and *difference* (*subtraction*).

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| 1. Create a multiplication chart. Set a timer to see how long it takes to complete the chart. Try to beat your time every day.
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**Literacy**

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| 1. Choose a box of cereal from your cupboard. Look at the pictures and read the headings and information displayed. Does this cereal box convince you to want to try it? Tell or write about your opinion and why you think that. Share with a family member and ask their opinion. **Challenge:** Choose a second box of cereal and compare how each tries to sell their product. Which one is more convincing and why? Do others agree with you?

 **OR**

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| 1. With your parents’ permission, make a Thank Younote for your mail carrier, garbage collector, delivery person (Amazon, Fed. Ex., Skip the Dishes, etc.). Attach it to your door or garbage can.
2. Find a great spot to sit and read for at least 30 minutes today, or read before you fall asleep tonight.
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**Day Two**

**Numeracy**

1. Sign in to Sum Dog and practice your math facts for at least 15 minutes!

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|  2. Write the next 20 numbers for each sequence by skip counting: a) 3, 6, 9 (ex:12, 15,18 etc. etc.) b) 9, 18, 27  c) 9999, 9810, 9621  d) 2:15 p.m., 2:35 p.m., 2:55 p.m. (ex:3:15, 3:35 etc. etc.)1. Then, identify the rule for each sequence.

 Example: A) The rule is each new number increases by 3. **Challenge:** Create your own sequence and see if a family member can identify the rule.  |

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**Literacy**

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| 1. Think of 5 things that the Earth provides for us and create a “Did You Know” fact book. (ie: Did you know that plants help to clean our air? Did you know that all the water in the world is the same water that was on our Earth since the time of the dinosaur?)

 **OR**

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| 1. How valuable are your words?If vowels are worth $20 and consonants are worth $10, what is the value of your first name? What about your whole name? Can you make a word worth exactly $100? How about $200?
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1. Find time to read 30 minutes today/tonight, or read aloud to your favorite stuffies.

**Day Three**

**Numeracy**

1. Sign in to Sum Dog and practice your math facts for at least 15 minutes!

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| 1. If you ate 1/3 of the birthday cake and your friend ate 1/4 of the same birthday cake, who ate more? Use a model or draw a picture to explain your answer.
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| 1. Measure Using a standard unit of measurement (cm on a ruler or metres with a meter stick) or a non-standard unit of measurement (like your hand/foot) find the area and perimeter of a room or outdoor space. Reminder🡪 Perimeter is the distance around the outside. Area is the space in the middle.

 **Literacy**  |
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| 1. Create “A Choose Your Own Adventure” or mystery story. Create the sequel to a story you have recently read or to a TV show you have watched.

 **OR**

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| 1. Draw a picture of a character that you like, either from a book you have read or show you have watched. Write about why you like this character.
2. Find a comfy spot to read for at least 30 minutes today or read before you fall asleep tonight.
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**Day Four**

**Numeracy**

1. Sign in to Sum Dog and practice your math facts for at least 15 minutes!

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|  2. Make a bar graph and picture graph:  ● Survey family members on their favorites (ex: fruit, vegetables, dessert, etc.)  ● Make a graph with toys, books, and games  ● Make a clothing graph with shirts, jackets, pants, shorts, and shoes.  3. Compare the data on the graph and write 5 true statements about the data.  For example: More apples were sold in February than any other month. Example of a bar graph: Example of a picture graph:A picture containing drawing  Description automatically generated**Literacy** |
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| 1. Explore your neighborhood using Google Maps. What does the bird’s-eye view of your home, street or road, and community look like? What did you notice? Create your own bird’s-eye view of the outside of your home.

 **OR**

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| 1. Have a conversation with someone about a topic of your choice. Aim for at least five back and forth exchanges. Try to avoid yes/no questions. Try instead, “Tell me more about…”
2. Find a comfy spot to read for at least 30 minutes today or find someone to read to.
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**Day Five****Numeracy** 1. Sign in to Sum Dog and practice your math facts for at least 15 minutes!

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| 1. Go on a symmetry hunt. Find shapes, objects, patterns and designs around your home that have lines of symmetry. Discuss whether they have horizontal, vertical or diagonal lines of symmetry. Look at wallpaper, floor tiles, pictures and designs on packaging.

Examples of lines of symmetry:

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| 1. Play the game of Spiral**:** Use a deck of cards to create a number board game that twists and turns.  **Materials:** deck of cards, game pieces, and dice.

 **Steps**: Arrange cards in a spiral for the game board, take turns rolling the dice and moving around the game board. When a player lands on a card, they multiply the value of their die with the value of the card. The other players will “fact check” their answer. If they’re correct, they stay where they are. If they’re incorrect, they move back to the previous position. The first player to get to the card at the center of the spiral wins.  |

**Literacy**

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| 1. Share some positive words or an encouraging quote. With your parents’ permission, create a window poster where these words can be displayed for those driving or walking by your home. You may want to change your message weekly.
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 **OR**1. Read and think about a character in your book or from a show you have watched. What is this character like? How are you similar to this character? How are you different from them? Write a list of similarities and differences.
2. Find a great spot to sit and read for at least 30 minutes today, or read before you fall asleep tonight.
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 **Science and Physical Education activities are on the next page**. |

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| **Science** |
| **It was great to see student from afar as they picked up their belongings! I am sure many of you have discovered the little planting kit I included. In it are some sunflower seeds, dirt and a small disposable pot! This is the perfect time to start planting!**  |
| Plant Biology: How do seeds grow? – How It WorksNeeds of Plants | Let's Talk Science | Did you know you do not need soil to grow a seed? Try this with your seeds!You will need:* Small plastic bag
* Seed
* Paper towel
* Water

1. Wrap your seed lightly in paper towel. 2. Add a little watter to the paper towel. Not too much. Just enough to make it damp.4. place the seed wrapped in papertowel into the plastic bag. Because the paper towel is wet the water will evapourate and then rain in the bag so you don’t have to water it. 5. Place the bag aside in a darker place. Once a day you can take the bag up and hold it to the light or gently open the bag and look into the paper towel to see if the seed has started to grow. ( You may wish to open the bag to make sure the plant has air once you see the leaves)6. Once you have seen the leaves plant the paper towel and seed into the small pot and place it safely outside. Once the plant has grown a few inches you can put it into the ground! 7. Be sure to make a journal of your seed’s growth. Share your pictures with us! |
| **You can plant the seeds directly outside if you wish but it will be harder to see the changes in the seed! (These are not indoor seeds! Sunflowers can grow up to 3 meters and do best in a lot of sunlight!) Be sure to share your projects with me! Alison.bush@nbed.nb.ca** |

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| Physical Education |  |  |
| Physical Education is self directed at home but if you are looking for a couple of suggestions check out these!  |
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| **Get out side!!**Most students can jump a hopscotch pattern but very few actually know how to play the game! The game is great for practicing throwing skills and for being active! Check out this video that explains how to play hopscotchHopscotch Designs - Download Free Vectors, Clipart Graphics ...Hopscotch can look many different ways! Try some of these patterns to change things up and to make the game more challenging! |  | **I hope you keep practicing your Jump rope skills**!<https://www.youtube.com/watch?v=n7u1gvoXdG0>For the Advance Skippers Here are some tricks!<https://www.youtube.com/watch?v=UTntXRW4wYk>**Stuck inside**? Why not Try **Bop it!**You need some dance music! Have an adult call out the actions or take turns! * Kick it - children kick in front of them (ensure they're all in a space first!)
* Twist it - twist their bodies half way around then back, feet remaining in same place on the floor.
* Spin it - children turn around
* Pull it - imagine they are pulling two levers down from above their heads.
* Bop it - jump in the air.

9 creative sidewalk chalk photos...this would be a fun activity ...Try making up your own action! |
| Trophy |  | **Weekly Challenge** – Chalk yourself into a picture! Grab some sidewalk chalk and make a picture that includes you! Make sure to share you photos |
| Computer |  | **Online resources:**<https://scratch.mit.edu/> or [www.code.org](http://www.code.org) - Students who wish to access their account can email alison.bush@nbed.nb.ca for their login and password.<https://musiclab.chromeexperiments.com/Song-Maker/> - Make some music. Share your links with Ms. Bush!<https://www.incredibox.com/demo/> - Make beatbox rhythms on this site! A definite favourite in the older grades!<http://isleoftune.com/> - a creative music making site! |