

SD83 Home Learning Opportunities - Grade 4

June 22nd to 24th, 2020

Dear Parents/Caregivers,

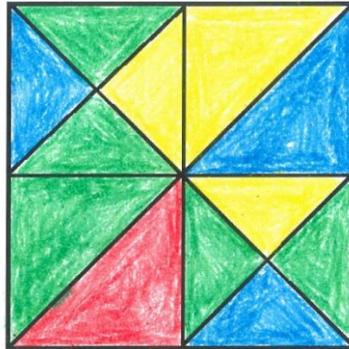
It is hard to believe that we are in Week 12 of Home Learning! These have undoubtedly been challenging times and we appreciate the ongoing efforts to support your child's learning, in a way that works for your family. Here are some possible learning opportunities for your child this week as well as some general ways to support learning over the summer months:

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| Monday June 22nd | <p>Health & Well-Being: Create an activity (ex. juggling) and challenge your friends and family members to beat you in that activity. Be creative and make it fun. Check out Virtual Field Day Games and Challenges for ideas from the PE specialist.</p> |
| | <p>Literacy: Read independently for 15-20 minutes.</p> <p>Head outside and gather a small collection of living and non-living things from nature. Look at your nature collection. Think about: How are all your living and non-living things connected to each other? Draw a web or diagram and explain using arrows and lines to show the connections.</p> |
| | <p>Numeracy: Buses leave Marek Station every 10 minutes, 24 hours a day. How many buses will leave the station in one complete 24-hour period?</p> <p>Number Challenge Using the digits 1 to 9 at most one time each, fill in the boxes to create a true equation. How many different ways can you find to solve this puzzle?</p> <div style="text-align: center;"> </div> <p>Source: Owen Kaplinsky</p> |
| Tuesday June 23rd | <p>Health & Well-Being: Listening Activity Sit back to back with someone and listen quietly with your eyes closed for a few minutes. List all the things you can hear. Do you hear the same things? This can be done inside or outside.</p> |
| | <p>Literacy: Read independently for 15-20 minutes.</p> |

Head outside and choose a plant in your yard or neighbourhood that you would like to find out more about. Take a picture of the plant or draw your plant. Create a trading card for your plant - include specific details.

Numeracy: Sam, Chelsey and Tara each got an identical, very large, chocolate bar. On the first day, Sam ate $\frac{2}{3}$ of his chocolate bar. Chelsey ate $\frac{3}{4}$ of her chocolate bar and Tara ate $\frac{1}{2}$ of her chocolate bar. Who ate the most chocolate? Show how you know.

Fraction Challenge



What fraction of the image is:

Red?

Blue?

Green?

Yellow?

Health & Well-Being: Finish up the school year by doing a Gratitude Scavenger Hunt.

Gratitude Scavenger Hunt



1. Find something that makes you happy.
2. Something to give someone else to make them smile.
3. Find one thing that you love to smell.
4. Find one thing you enjoy looking at.
5. Find something that's your favorite color.
6. Find something you are thankful for in nature.
7. Find something that you can use to make a gift for someone.
8. Find something that is useful for you.



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Wednesday
June 24th

Literacy: Read independently for 15-20 minutes.

Go outside and gather some natural materials (sticks, leaves, rocks, pebbles...) and create a forest creature. Think about your creature: Which type of materials did you use? What is your creature's name? Where does it live? Does it have friends? What does it like to do? Write a story or play about your creature.

Numeracy: It is Brandi's 9th birthday and she is trying to figure out how many days old she is. She knows that there are 365 days in a year. How many days old is Brandi?

Family games link: <https://sd83.bc.ca/family-math-games/>

Ways to Support Summer Learning at Home

Health & Well-Being:

Movement: We live in a beautiful part of a beautiful province. Take the time to get outside and play and move together with your family. Go for walks, hikes, swims, bike rides. Unstructured play outside is also essential for our children's overall development. It encourages social and self-regulation skill development as well as improves their physical and mental well-being.

Mindfulness: Take time daily to pay attention on purpose. When walking, pay attention to what you see, hear, and smell. Alternatively, find a place outside to sit and be still. What can you hear? What can you smell? What can you see?

Routine: Summer can be a time of no routines which can be lovely for some and stressful for others. When the world feels upside down, the repetition of routines and a regular schedule help create a sense of order. It can be as simple as Taco Tuesday, always eating dinner together, or no matter what saying goodnight to each other. Check out [EASE at Home for ideas on creating routines.](#)

Literacy:

- Create a Summer Journal. Write in it throughout the summer. Create illustrations for your journal, add photographs, or even glue artifacts into it.
- Create and write down 5 questions to use in an interview with a family member or friend. Talk, call, Facetime, or video chat with that family member or friend to conduct the interview.

- Select a book to read for at least 20 minutes each day.
- Play word games like Bananagrams, Scrabble, or make up your own word game.
- Participate in the Okanagan Regional Library Summer Reading Club. Find out more information [here](#).
- For exciting and fun outdoor learning activities, check out the [Allan Brooks Nature Centre website](#).

Numeracy:

1. **Games:** <https://gregtangmath.com/numtanga> This game builds understanding of fractions. <https://www.prodigygame.com/> for practicing many math concepts. You will need to create a free account. Play games such as Crib ([link to rules](#)), Monopoly, Game of Life (the old-style version where you use play money and have the kids be the banker). Check out other games on our website: <https://sd83.bc.ca/family-math-games/>
2. **Estimation Jar of the week activity:** Fill a jar or container with a certain number of similar objects. At grade 4 it is suggested to keep it to 100 objects or less. (However, it is also helpful to go to a much larger number if you aren't expecting them to estimate within 10 or even 100. For example, it is helpful to recognize that there might be 1000 rice grains in a container, rather than 100.) Examples of items you might place in a container: put 20 marbles in a cup, or 150 Q-tips, 25 tea bags, etc. Have your child guess how many objects are in the container. Write their estimate on paper and leave it beside the jar. Each day post a clue such as "The answer does not have a "7" digit", "The answer is a multiple of 4" or "The answer is an even number". Your child can change their answer, narrowing it down each day until Friday when you reveal the final answer!
3. **Kitchen math:** Invite your child to help with baking. Have them practice doubling or halving a recipe. To help with understanding fractions, have them draw pictures. For example, use a picture to show 2 groups of $\frac{2}{3}$ cup.
4. **If I had a thousand dollars...** Pretend that you have \$1 000 to spend. Research what you would buy (you can disregard tax). Make a list of what you would buy and total it. How close can you get to spending the entire \$1 000 without going over?
5. **Knock 'em Down Multiplication:** (Use nerf/squirt guns, or use a tennis ball/water balloons/bean bags/water hose/rolled up socks etc.) Write the numbers 1-10 (or whatever numbers are appropriate for your child's math level) on plastic cups. Line them up on a ledge outside. When you say "Go" the child gets 3 tries to knock down the cups. They then multiply the numbers together and tally their points. The first one to 1 000 (or 10 000 depending on how long you want to play) wins. Example: If they hit "4" "6" and "3" they do $4 \times 6 = 24$ then $24 \times 3 = 72$, and they would earn 72 points. If this is too difficult, have the child choose a maximum of 2 of the cups they knocked down and multiply those two digits together.

A harder challenge: If they hit 2 numbers, they multiply those two together and earn that many points. However, if they hit 3 numbers, they must choose how to organize their equation. They then combine any 2 digits to make a 2-digit number and multiply it by the third digit. Example: If they hit "4" "7" and "8" they could choose to do $47 \times 8 = 376$ OR $87 \times 4 = 348$ OR $74 \times 8 = 592$, which would give them the most points.

Numeracy Solutions

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|------------------|--|
| Monday | <p>144 buses will leave the station.</p> <p>Number Challenge Solution: There are multiple possible solutions. Here are a few:</p> <p>$9.7 - 8.5 = 1.2$</p> <p>$6.3 - 4.5 = 1.8$</p> <p>$5.6 - 3.9 = 1.7$</p> |
| Tuesday | <p>Chelsey ate the most chocolate.</p> <p>full bar:  one half:  two thirds </p> <p>three quarters: </p> <p>Fraction Challenge Solution:</p> <p>Red: $\frac{1}{8}$</p> <p>Blue: $\frac{1}{4}$</p> <p>Green: $\frac{3}{8}$</p> <p>Yellow: $\frac{1}{4}$</p> |
| Wednesday | Brandi is 3285 days old. |