

SD83 Home Learning Opportunities - GRADE 8

April 14th to 17th, 2020

Dear Parents/Caregivers,

We hope you had a lovely long weekend with your family. Here are some possible learning opportunities for your child this week. Hopefully you will have a chance to explore the "Website of the Week" as there are some wonderful home learning resources there to support you and your child.

Easter Monday	
Tuesday April 14th	Health & Well-Being: Take some time today to unplug and take a walk. Can you name: • what you hear? • what you see? • what you smell? • what you taste? After the walk, reflect upon how you feel after being outside in nature.
	Literacy: Read independently every day: Read a book of your choosing. Read a Short Story or Article: Students can read a short story, magazine article, or newspaper article (either online or in print) independently. There are lots of short articles on <u>Kelly Gallagher's website</u>. As you read, ask yourself these questions: • What new information did you learn? • What do you think the author wants you to keep in mind or remember?
	Numeracy: Mr. Thompson built a plywood box to store firewood. The box had a length of 1.8 m, a width of 1.2 m, and a height of 0.8 m. a) What is the volume of the box? b) If the average piece of firewood has the length of 0.45 m, a width of 0.2 m and a height of 0.2 m, how many full pieces of firewood can the box hold?

Which One Doesn't Belong? Can you find a reason for one of the equations to not belong with the others? Can you find a reason for each one to be the one that "doesn't belong"?

3×22	3×5
3×2	3×12

Health & Well-Being: Push Up Plank Challenge

BURST 3

PUSH UP PLANK CHALLENGE

Partner, small (inside) 5-10 minutes, grades 1-8

1. Partner A starts by doing 5 push-ups, while Partner B holds a plank position
2. Then Partner B does 5 push-ups while Partner A holds the plank.
3. Repeat with Partner A doing 4 push-ups, while Partner B holds a plank.
4. Continue each round decreasing the number of push-ups until you get to 1.



Check out other fun physical activities from [BOKS AT Home](#)

Literacy:

Read independently every day: Read a book of your choosing.

Movie Review:

Watch a movie you have been wanting to see. Write a short review based on your viewing.

OR

Watch the movie and discuss it with friends via technology, using the same criteria. You can find examples on:

<https://www.common sense media.org/movie-reviews>

Numeracy:

The temperature at 8:00 am was recorded at a local weather station for a week. On Monday, the temperature was (-2°C) , Tuesday (-5°C) , Wednesday (-2°C) , Thursday 1°C , and Friday 3°C . What was the average temperature for that week at 8:00 am?

Challenge

Using the digits 0-9, fill the boxes to make a correct statement.

$$\boxed{}\% \text{ of } \boxed{}\boxed{}\boxed{} = \boxed{}\boxed{}$$

**Wednesday
April 15th**

**Thursday
April 16th**

Health & Well-Being: "Give Me 5!" - Do 5 jumping jacks, 5 squats, 5 runs on spot, 5 burpees, 5 donkey kicks. Repeat 5 times.

Literacy:

Read independently every day: Read a book of your choosing.

What's on your playlist?

You have 5 songs that represent your life. Write down what they are and justify why you would choose these songs as your theme songs. Create this playlist, if you want.

Numeracy:

An on-line store sells an X-Box One for a regular price of \$325.00. For a limited time, it is selling the device with a discount of 15%. Before taxes and shipping fees, what is the sale price of the X-Box?

Problem of the Week link: <https://sd83.bc.ca/math-problems-of-the-week/>

**Friday
April 17th**

Health & Well-Being: Begin a gratitude journal. Each day begin by writing down 1 or 2 things you are grateful for.

Literacy:

Read independently every day: Read a book of your choosing.

Get Outdoors! OR Look Out Your Window:

If you can, spend some time outside (or look out your window) and create a picture, and/or write about what you see, using the five senses to guide your writing. You may choose to write a short story, descriptive paragraph or a poem.

Numeracy:

Party hats are sold 6 to a package and party horns are sold 8 to a package. If you want to have the same number of each item for a party, what is the least number of packages of each you need to buy?

Fun Friday game link: <https://sd83.bc.ca/family-math-games/>

Website of the Week

<https://wideopenschool.org/>

This is an excellent resource to support home learning. Wide Open School is a free and open collection of online learning experiences and activities for kids curated by the editors at Common Sense Media and organized by grade band and subject. Everything on Wide Open School centers on the schedule, which is programmed each day for each grade band.

Numeracy Solutions

Monday	Easter Monday
Tuesday	A) $V = l \times w \times h = 1.8 \times 1.2 \times 0.8 = 1.728 \text{ m}^3$ B) $V_{\text{wood}} = l \times w \times h = 0.45 \times 0.2 \times 0.2 = 0.018 \text{ m}^3$ Number of pieces = $1.728 / 0.018 = 96$ pieces of wood Which One Doesn't Belong - Possible Reasons: 3×22 - Doesn't belong because it is the only product that has the same digit in the tens place value as in the ones place value (66) 3×5 - Doesn't belong because the product is odd 3×2 - Doesn't belong because the product is less than 10 3×12 - Doesn't belong because the product has a perfect square root
Wednesday	Average = (total temperature) $\div$ (number of days) $= [(-2^\circ\text{C}) + (-5^\circ\text{C}) + (-2^\circ\text{C}) + 1^\circ\text{C} + 3^\circ\text{C}] \div [5 \text{ days}]$ $= [-5^\circ\text{C}] \div [5 \text{ days}] = (-1^\circ\text{C})$
Thursday	Using Mental Math 10% of \$325.00 is \$32.50 1% of \$325.00 is \$3.25 15% off is $\\$32.50 + \\$3.25 + \\$3.25 + \\$3.25 + \\$3.25 + \\$3.25 = \\$48.75$ The discounted price is $\\$325.00 - \\$48.75 = \\$276.25$
Friday	Least Common Multiple: Multiples of 6: 6, 12, 18, 24, 30, 36, 42, <u>48</u>, 54, 60... Multiples of 8: 8, 16, 24, 32, 40, <u>48</u>, 56... The least common multiple for 6 and 8 is 48. There would be 48 hats if 8 packages were bought and there would be 48 horns if 6 packages were bought.