SCHOOL DISTRICT 5
S O U T H E A S T   K O O T E N A Y

Grade 8

Learning Opportunities for the Week of: June 8-12

Please refer to the learning plan mapped out below to establish a routine for your child during the time away from in class instruction.   Please keep in mind your child's learning will look different and is **not meant to be a stressful experience**. Try picking one subject a day!

LITERACY/LANGUAGES (30-45 minutes per day):

1. Plan:
FIRST I WILL **pick a travel destination** of my choice! ***anywhere, anytime*** I will do some research about this place. I will look up information on what can I do there, where can I stay, how will I get around? What foods are there for me to eat. **Note: You are planning a trip for yourself or you and whomever (Friends/family etc).**

2. Do:
FINALLY I WILL... Write a travel blog! **On this blog post you will need:**
1) minimum 2 paragraphs (please separate your ideas into relevant content)
2) Where you went/going
3) How long you were there or are planning on going for
4) Where did you stay- give me details about the accommodation, comfy? Close to things? Good service? Did you stay at multiple places if you were moving around?
5) What activities did you do when you were there? (might want to include some expenses here on how much it cost? How did you get to these places (train/bus/car/walk) Would you recommend it to others (pretend)
6) Foods you ate! (did you eat out every meal, make things in your room? What snacks did you eat? What was your favourite meal?
7) include a picture (drawn or from internet)
**Note: the above can be written as a plan or as if you have already gone to your chosen destination

**BONUS IDEAS: include information about the plane ride (how long, how much did it cost) Costs for everything (great math integration if you want 😊) Struggles you might find when you travel to this place – language, culture, money conversions, getting around (there are lots that can happen).

We will be looking for not only content but your grammar and sentence flow! Read over it and check for spelling and if it sounds natural- like you were explaining your highlights to a friend.

Please fill out the Create document to help with your report card comment!

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NUMERACY (30-45 minutes per day):

1.FIRST I WILL ...

- Work on my **Mathletics** for **15 mins per day,** or until I have finished 2 sets of 10 questions.

2. FINALLY I WILL...
Complete the following Ratios and Proportions Recipe Project:

RATIOS AND PROPORTIONS RECIPE PROJECT

You will apply ratios and proportions to help you convert a recipe to serve more people.

You have found your favorite recipe and want to bring it to the class party. The problem is your recipe only serves 8 people. Use proportions to increase the recipe to serve 30 people. Make 1 serving per person.

For this project you will need to:

1. Choose one recipe from the internet, cookbook or home.

    - The recipe must have *at least* 8 ingredients and needs to serve 8 people. Even if your recipe says it serves a different number of people, you will use it as if it was to serve 8.

2. Use proportions to increase the recipe to serve 30 people (1 serving per person).

3. **Create a poster board, scrapbook, or brochure that includes the following bold items:**

- **Original Recipe**
- **Ratio for one serving** (*Use the table on the back of this page to assist you.*)

(i.e. if the recipe uses 1 cup of sugar, and the recipe serves 8, the ratio for one serving equals 1/8 c. sugar).

- **Proportions used to increase recipe to 30 servings**.

 (i.e. for the sugar 1/8 servings=x/30 servings)

- **Show the work to solve proportion**. Round your measurements to the nearest **half** (i.e. 3.222 teaspoons rounds to 3 teaspoons, 3.666 teaspoons rounds to 3 ½ teaspoons, 3.89 teaspoons rounds to 4 teaspoons).
- **Scaled Recipe**– Ingredient and new amount needed for 30 servings.
- **Explanation/Discussion**- Explain the math you used to solve this problem/ your strategies, at least 4 sentences (I am including some notes on cross multiplying that may be helpful for this part).
- Be creative! Uses **at least 2 drawings, pictures**, etc.
4. Review checklist on the back of this page for grading!

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5. To take it a **step further**, plan out a three-course meal for a fancy event. Complete the activity above for three recipes (an appetizer, an entrée, and a desert), and on the poster/scrapbook/brochure describe the event the **30 people are attending**.

The following table will help you complete your project:

Original Recipe Ingredients	Ratio for one serving	Proportion used to increase recipe to 30 servings	Work to solve proportion	Scaled Recipe- Amount needed for 30 servings
1 Cup Sugar (serves 8)	1/8	$\frac{1}{8} = \frac{x}{30}$	$\frac{8x}{8} = \frac{30}{8}$	3 ¾ Cups of Sugar

Grading Checklist

	Criteria
	Has an **original recipe** with at least 8 ingredients
	Correctly listed **ratios for one serving** (2 points per ratio)
	Correctly set up **proportion for each ingredient** (2 points per proportion)
	Correctly **solved each proportion** for each ingredient and **showed work** for doing so. (2 points for each proportion solved with work shown.)
	Correctly lists the **scaled recipe** (2 points per ingredient listed correctly)
	Gives a clear **explanation that is at least 4 sentences in length of the strategies and/or steps used to scale the recipe using proportion.** (4 points per sentence.)
	Includes at least 2 appropriate **drawings and/or pictures** (2.5 points each)
	Poster, scrapbook, or brochure is neat and well organized with headings for each item required. (1 point per heading, neatness- 4 points)
	Posted on Portal

NOTES:

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How to Solve a Proportion:

When solving a proportion you must cross multiply, then find the missing variable.

- For example: $\dfrac{4}{7} \diagdown \dfrac{H}{84}$

$7 \times H = 4 \times 84$

$7H = 336$

$\dfrac{7H}{7} = \dfrac{336}{7}$

$H = 48$

Steps:

1. Write the cross products.
2. Multiply

3. To find the value of the variable, undo the multiplication by dividing to both sides.

4. Divide
5. Write answer

(You have to think: The opposite of multiplication is division, so I have to divide the number that is with the variable and do the same for both sides of the problem. Then I cancel the opposites, and bring down what I have left.)

As always, if you have any questions or want some additional work, feel free to email Mr. Hawke at orrin.hawke@sd5.bc.ca

SOCIAL STUDIES:
Week 10: Old World meets New World
Old World= Europe, Asia, Africa
New World= the Americas (North and South)

1. **FIRST, I WILL…** Look at the list below and highlight the items with one colour that you believe are native (originally from) the Old World and another colour for items that are native to the New World.

Cattle, llamas, turkeys, horses, pigs, raccoons, beans, coffee, bananas, cocoa, wheat, tomato, sugarcane, potato, influenza, Yaws, Chagas' disease, Small Pox, yellow fever, bubonic plague

2. **THEN, I WILL…**. read the article below and look at the chart that is attached to the article. How many items did you get correct? https://kids.kiddle.co/Columbian_Exchange

3. <mark style="background-color: red">FINALLY, I WILL ..</mark> Explain in your own words what the Columbian Exchange was about. Who do you think benefitted the most from the Columbian Exchange? Support your answer.

<mark style="background-color: yellow">SCIENCE/INVESTIGATE/EXPLORE:</mark>
ACTIVITY TITLE: "Cascadia Subduction Zone"

1. <u>Watch</u>: 3 Videos of CHOICE using the keywords; <mark style="background-color: cyan">'Cascadia Subduction Zone'</mark>

<mark style="background-color: yellow">FIRST I WILL …</mark> **Watch 3 videos on the topic 'Cascadia Subduction Zone', AND take notes during the videos. (Notes are point form of interesting facts that you may hear during the videos.)**

2. <u>Do:</u> **Investigate the following question:**

"The Cascade volcanic arc extends from north of Whistler, BC., through the states of Washington and Oregon and into northern California; what major eruptions have occurred along this arc?

<mark style="background-color: red">FINALLY I WILL…</mark> **Choose one major volcanic eruption to research. This will be our final project. More detail to come in the final week.**

<mark style="background-color: yellow">CREATE:</mark>
Thinking back on the last few months that you have engaged in distance learning opportunities, create a reflection piece highlighting what you have learned/ done that correlates to your academic subjects. What topics have you studied? Did you learn a new skill, game, hobby? Have you strengthened you understanding of fractions by baking bread?

<mark style="background-color: yellow">Step 1</mark>**: Take some time to think over your experiences since March 17. Go through your portfolio (online or the physical work you have done) and look over the submissions that stand out to you. Think about specific things you have done that relate to English like things you have read, communications you have noticed etc. Write down those ideas (this part can be done in bullet point). Continue to do this for social studies, science, and math. You can also include things created or things you did from the weekly BE section.**

Step 2: What are you noticing about what you have learned/done? Did you complete more learning opportunities for one subject than another? Are there activities you remember more than others? Did you do some learning other than what the school provided that you are proud of (like planning a camping trip, or making cookies, or did you take an online boating course, or did you help your siblings while your parents were at work.... we are certain you have done a lot of things). Write down what you notice, what you feel (or felt).

Step 3: Take the notes you just made about the things you have learned/done/noticed/ felt and organize them in the way you wish to present them. This could be in a table, as a mind map, a poster, a video reflection of you talking about your reflection- the choice is up to you!

Step 4: Post you polished reflection onto your portfolio (we can't wait to see your reflections!).

OUTDOORS/HEALTHY LIVING:
FIRST, I WILL...
Complete the **Physical Activity Log** for **June 8-15** for **3 to 6 days found on the SD5 portal**. Any physical activity is acceptable for your PE log!
*Watch the VIDEO on how to complete your log on a COMPUTER or LAPTOP from Mr. Fleming and Ms. Petterson under "FEATURED LINKS" on the portal in the Physical Education 7-8-9 class.

NEXT, I WILL ... Try the **TIGER TOK Dance Challenge**! **Watch this YouTube dance, make a video of your dance by yourself or with someone, and submit your video to your portfolio.** We will give prizes to the **TOP dance videos**! **Press CTRL + Click (on a Mac - *command + click*) on the link: https://www.youtube.com/watch?v=5Y5dfHKDuCg**

Mr. Fleming & Ms. Petterson watched it ONCE (□) then we performed the dance. Watch our video and see if you can perform better than the professionals can! **Press CTRL + Click (on a Mac - *command + click*) on the link: https://web.microsoftstream.com/video/02cc231d-6741-419b-9718-4651acf2bc26**

*DEADLINE to submit your TIGER TOK Dance video is Monday, June 15th!

FINALLY, I WILL...
Submit your completed Physical Activity Log Week 10 June 8-15:
Open your log in the Portal under "**Assignments**" & click on "**Physical Activity Log Week 10**"

Click on the yellow **TURN IN** (near the bottom of the page).

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BE: Connected – write down 5 different ways that you have connected with others from a safe physical distance. Keep this in your "Learning Capsule".

Examples: Over Skype/Zoom/other online video conferencing, sending videos of your pets to your grandparents, old fashioned calling, carrier pigeon (haha – Just Kidding??)

ONLINE LEARNING LINKS:

How to upload things to your portfolio (student portal) – Video – Adding Items to your Portfolio

MORE MATH -
Khan Academy - great for review of everything! (Not just math!)
If you want math worksheets - check out Math Aids to customize your own worksheets.
If you want to play some math games at home, check out this website. OR learn to play Cribbage (find your 15's!) or play a game of 501 darts to test your mental math skills.

IF you need more ideas/links, check out these:
Interested in art/culture? Check out this link to online Museum Tours around the world!
Always been interested in what animals do when we're not looking? Check out these LIVE animal webcams!
Duolingo learning for those who want to try some language learning!
If you're looking for more... TedED videos are great!

Looking for MORE? Email a teacher and they will get you started on a passion project!

Grade 8 Email Contacts:

Classroom Teachers	**Student Services Teachers**
M. Williams: Michelle.williams@sd5.bc.ca	P. Gray: Pascal.Gray@sd5.bc.ca
M. Pocha: Mena.Pocha@sd5.bc.ca	E.Knudsgaard:Elaine.Knudsgaard@sd5.bc.ca
O. Hawke: Orrin.Hawke@sd5.bc.ca	**E.A Support**
E. Gorka: Ewa.Gorka@sd5.bc.ca	M. Lunan: amanda.lunan@sd5.bc.ca
B. Turcon: Bethany.Turcon@sd5.bc.ca	C. Wheeler: christine.wheeler@sd5.bc.ca
R. Fleming: Ryan.Fleming@sd5.bc.ca	S. Nielsen: shari.nielsen@sd5.bc.ca
H. Petterson: Heather.Petterson@sd5.bc.ca	L. Cupples: lesley.cupples@sd5.bc.ca

Click HERE for a list of all teacher and EA drop in ZOOM hours.

SCHOOL DISTRICT 5
SOUTHEAST KOOTENAY

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