

Continuation of Learning - Week Five!

Ms. Sadler Mean, Grade 8 Homeroom

*Don't forget that **daily lunches** are available at the *Diner Down Under* for families in need! Feel free to stop in around 12:30 P.M.

*I've sent the suggested weekly learning activities as a PDF link, but you can also access it and other activities at the **BCS Website!**

*I've also included a **May 2020 Phys. Ed. Calendar** as a link!

We've reached the month of May!! May is Nutrition Awareness Month, as well as the start of fishing season and the beginning of life outdoors as the weather warms! The following suggested learning activities all deal with those two themes in some way. Enjoy!

Literacy - Create a half-page response or more to the following image! Give it a title, and then pay very close attention to word choice - choose synonyms rather than using the same word over and over. For instance, instead of repeating the verb "to fish," you could say: angle, cast, draw, search, hunt, delve, look, grope, fumble, seek, etc.



OR - Respond to the following poem:

*The woods were made for
the hunters of Dreams,
the Brooks
for the fishers of Song;
To the hunters who hunt for
the gunless Game
The streams and the woods Belong.
~ Sam Walter Foss*

What does it mean to you, and what do you think the author means by "the gunless game" and by "fishers of song?" Create your own poem about the outdoors and who it belongs to! Try and use at least two alliterated phrases (the same sounds back-to-back).

Complete **any three** of the following writing prompts:

- What would you do if you ordered an ice cream cone and you forgot to bring money?
- What would you do if someone got in front of you when you were in line at the movies?
- What would you do if your jelly sandwich fell upside down on the floor?
- What would you do if only one hot dog is left and neither you nor your friend have had one?
- What would you do if two of your best friends went to the movies without inviting you?
- What would you do if the surprise party was for you, but you weren't surprised?

Science Experiment: Are There Different Amounts of Iron in Different Breakfast Cereals?

The iron in ready-to-eat breakfast cereals is in the form called elemental, not in combination with any other chemical compound. Iron is sprayed on the outside of cereal flakes. You can separate the iron with a strong magnet!

Background Info:

Iron is essential in a healthy diet to build blood. Iron is easiest to absorb from meat, fish and poultry.

Materials:

1. A sensitive scale (like a laboratory scale). Note: scales can be downloaded as an app on any Android or iPhone devices @ <https://techigem.com/digital-scale-apps/>
2. various cereals
3. plastic sandwich bags
4. hot water
5. wooden spoon
6. 3-inch bar magnet (or any fairly strong magnet)

Procedure:

1. Crush 1/2 cup of cereal in a baggie, until the flakes are half their original size. Pour into a bowl.
2. Add 1 cup of hot water and mix with a wooden spoon.
3. Put the magnet into the cereal mix and stir gently in a circle for a fixed amount of time, say 5 minutes. Try not to bump the bottom or sides of the bowl.
4. Take out the magnet. Remove the iron filings that it pulled from the cereal, and weigh them on a laboratory scale.

For more Science and Nutrition experiments, check out the suggested experiments at: <https://www.dietspotlight.com/nutrition-diet-food-science-experiments/>

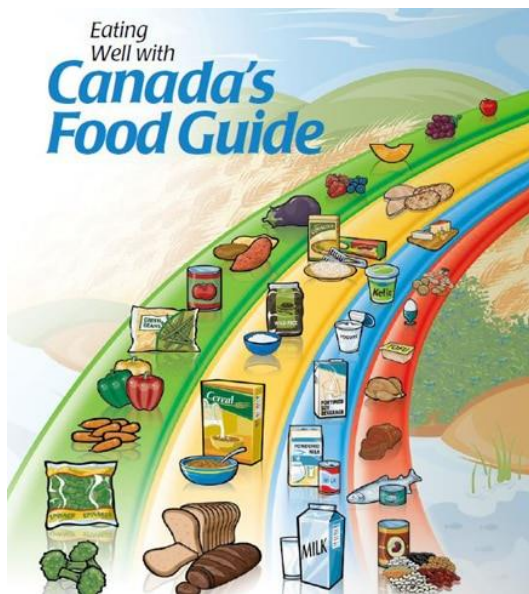
Social Studies - Which Liquid is Best: Juice, Water, or Milk??

Canada's Food Guide has recently changed its answer to that question!

Watch the video at <https://www.cbc.ca/kidsnews/post/say-goodbye-to-juice-and-milk-water-wins-in-canadas-new-food-guide> to find out why.

Read the brief article underneath the video on and answer/think about the following questions:

1. Should each country make its own food guide? Why or why not?
2. Canada's Food Guide was not updated for twelve years. Is a food guide something that should be updated? Why or why not?
3. As per the video, why doesn't juice show up in the new food guide at all?
4. Compare and contrast the old food guide with the new. What changes do you see? Why might that be? Which do you like better and why?



Nutrition Facts: Did You Know??

Lemons are considered one of the world's healthiest foods - one lemon contains your daily dose of vitamin C, it cleanses the liver, boosts your immunity and aids in weight loss. Try adding it to a mug of warm water to kick start your day!

Broccoli contains twice the vitamin C of an orange, and almost as much calcium as whole milk! Who knew??

Test your nutritional knowledge by taking the following on-line quiz!

<https://www.proprofs.com/quiz-school/topic/nutrition>

Numeracy - Here is a terrific Canadian Interactive Website that allows students to check their own understanding! You can always back up a year or two, or even move onto grade 9 work as a challenge! Check it out at <https://ca.ixl.com/math/grade-8>

This second website offers **free video tutorials** before each set of practice questions! Great for those who need a refresher:

https://www.studypug.com/ca/grade8?camp_id=274470753&grp_id=1197368412035607&kw=%2Bgrade%20%2Beight%20%2Bmath&query=grade%208%20math%20word%20problems%20pdf&mt=b&bmt=bb&clkid=a953a6a70fd01343224ef80eb0eb0801&loc=5142&int=&kwid=74835646579341&source=o&tgt=kwd-74835646579341:loc-32&device=c&adid=74835570661447&feed_id=&msclkid=a953a6a70fd01343224ef80eb0eb0801&utm_source=bing&utm_medium=cpc&utm_campaign=CAN%20-%20Math%20-%20Broad%20Match&utm_term=%2Bgrade%20%2Beight%20%2Bmath&utm_content=Gr%208%20-%20!Head%20term

Finally, here is a **Math Challenge puzzle** for this week: Email me your answer and I'll let you know if you're right!! I'd also love to hear how you figured it out (see image below).

A Lot of Thought

What is the number of the parking space containing the car?

