

Grade 6 Learning Opportunities for English (Prime) Students -Week of April 27th- May 1st, 2020

The following activities have been prepared by grade 6 teachers in order to provide learning opportunities for your child at home. As set out by the Department of Education, the recommendation is that your child complete 10 hours of academic work per week (~2 hours per day) with an additional 30 minutes allotted for physical activity and 30 minutes of reading each day. Content has been organized by subject. Please note that an answer key to the Math questions will be provided in the next week's lesson.

Late Immersion Students – You may be doing your math and science in English, but please go to the French Immersion document for a few activities for SCIENCES HUMAINES and FRANÇAIS to practice your French.

From this point forward math and science lessons will appear under the heading of STEM (Science, Technology, Engineering and Mathematics)

From this point forward Language Arts, Social Studies and PIF will appear under the heading of Humanities & Literacy

Humanities & Literacy (English Language Arts/Social Studies/PIF)

Reading Apps you may want to check out:

1. **Overdrive** – this is available through our Public Library
<https://www2.gnb.ca/content/gnb/en/departments/nbpl/electronic.html>
2. **SORA** – this site is free and has an amazing selection of popular titles! a. go to soraapp.com b. Find My School (New Brunswick Dept of Education) c. select "Student" d. enter username (nbss\username) *the one students use for accessing email e. enter password *the one students use for accessing email
3. **audible.ca** - this site offers a free 30 day trial. Lots of great titles available!

Quickwrites – Please use the following five topics to write about each day. You should write for at least 10 minutes on each topic (approximately 1 page)

1. Earth Day – Choose **three** items from the list of activities that help reduce your impact on our planet. Write how you could use these or already are using these on a regular basis. Try keeping track of your progress for the week.
 - a. turn off lights
 - b. reuse
 - c. recycle
 - d. take short showers
 - e. have a green thumb
 - f. start a compost bin
 - g. pick up garbage
 - h. use your bike

*For fun, can you try this tongue twister? ***Whether the weather be cold
Or whether the weather be hot;
We'll weather the weather
Whatever the weather,
Whether we like it or not.***

*Can you spot the *homophone* in that tongue twister?

*Try writing your own tongue twister (pick any topic)

2. Make a **Top 10 list** of ten ways you can stay healthy (physically and mentally) while you're at home. Choose one and write some details about it.

3. If I could make anything grow on trees, it would be...
 4. The best place in my neighbourhood is...
 5. Describe one random act of kindness you can do today to brighten someone's day.
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Reading: Please read the following article, "Where Does Our Food Come From" and answer the two questions at the bottom. <https://www.readworks.org/article/Food-and-Farming/ed5182df-7f01-43ce-af54-efcb04fd226b#!articleTab:content/contentSection:f64e49b8-a3bb-4765-8ba1-12c2928e4841/>

Questions:

1. Name 2 things you learned from this article
2. Recently, there were government recalls for which foods?

PIF

Mots croisés: La famille/Cross Word: The Family
<https://www.clicmaclasse.fr/mots-croises-la-famille/>

Se présenter (Introduce yourself)

Students, this week, we encourage you to introduce yourself. Prepare a paragraph, then share with a family member or a friend. Please DO NOT translate word per word. Use mostly the words you know. Below is a model to help you get started.

Bonjour, je m'appelle Hervé
 Dans mon temps libre, j'aime jouer au soccer.
 J'ai 25 ans. Chez moi, j'ai un chat qui s'appelle Poivron.
 Dans mon temps libre, j'aime jouer au soccer.

Other helpful topics: membres de la famille, la fin de semaine, jeu de société, animal préféré, amis, etc.

STEM (Math)

Part 1: Choice Board

Choose **3 questions** below to solve:

A. Plotting Points and Grids



B. Exploring Large Numbers



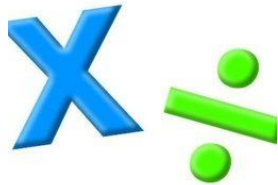
Look at a map of your neighbourhood. Suppose a delivery truck is trying to find your home. How would you use the map to describe the location of your home to the driver?

Reflect. How is plotting a point on a coordinate grid similar to plotting a point on a number line? How is it different?

Search the internet, or look through magazines. Find examples where large numbers are used. How are the numbers written?

Reflect. What patterns are there in a place-value chart? How can you use these patterns to read a number such as 5 487 302

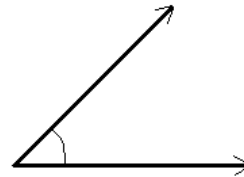
C. Estimating Products and Quotients



Describe a situation where you might estimate the product or quotient of a decimal and a whole number.

Reflect. Describe how to decide which strategy to use to estimate the product or quotient of a decimal and a whole number.

D. Measuring Angles

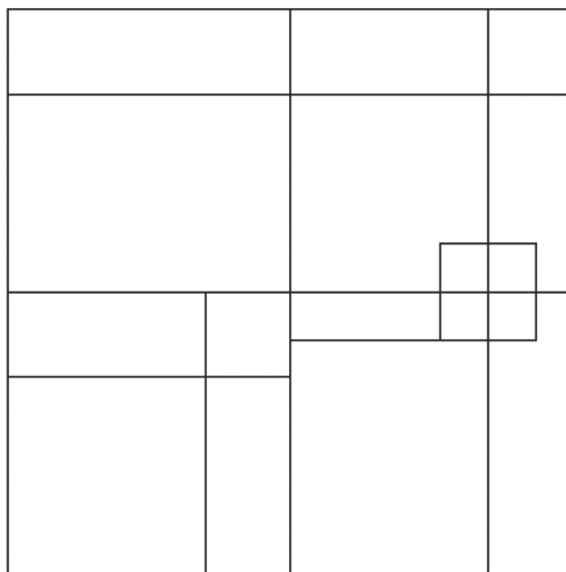


Look around your home for examples of angles with different sizes. Sketch each angle and estimate its measure.

Reflect. How can you use a piece of paper to help estimate the measure of an angle?

Czukur, Mike. Math Makes Sense 6. Pearson Education Canada., 2009

Brain Teaser



How many squares, of any size, are in the figure? Describe the process you used to find your answer.

Lesson adapted from: <https://www.aimsedu.org>

Electrical Safety in your Home

Background Information: Electricity is a regular and important part of our daily lives. It is important that we understand how electricity works in order to practice electrical safety. Electricity is always trying to get to the ground. It can travel through materials such as metals and water, also known as **electrical conductors**. Since our bodies are made mostly of water, electricity can travel through us to get to the ground. This can result in an electric shock and can be VERY dangerous.

Begin by watching this electrical safety video created by NB Power: <https://www.nbpower.com/en/safety/electrical-safety/at-home/tips-for-kids>

Remember these rules for using electricity safely in your home:

1. Do not use water around electrical devices.
2. Do not use electronics (electric radios, TVs, etc.) in the bathroom.
3. Watch for frayed or cracked cords. Tell an adult if you see one.
4. If you must clean an electrical device, ALWAYS unplug it first.
5. Do not plug several power cords into one outlet. This can blow a fuse or even start a fire.
6. It is best to use power bars that have surge protection.
7. Electrical outlets that are near sinks (kitchen/bathrooms) or in damp areas should have ground fault circuit interrupters (G.F.C.I.). G.F.C.I. outlets will cut off electricity to an electrical device if the device comes in contact with water.
8. If you buy an electrical device, make sure it is CSA (Canadian Standards Agency) or UL (Underwriters Laboratories) approved. This means the device meets Canadian (and most often United States) electrical safety standards.
9. Do not pull a plug out of the outlet by the cord.
10. Never stick a knife or metal object into a toaster or any other electrical device.

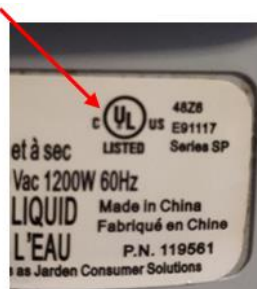
Sources for the above electrical safety rules and background information: <https://www.nbpower.com/en/safety/electrical-safety/at-home/>, <https://www.nbpower.com/en/safety/electrical-safety/at-home/tips-for-kids> and <https://www.alliantenergykids.com/StayingSafeAroundEnergy/ElectricSafety>.

Now you will conduct an electrical safety inspection in your home by completing the activities below, but first you need to know what G.F.C.I.s look like and what the CSA and UL mark look like:

Pictures from Mrs. Jessome's house



Ground Fault Circuit Interrupters (G.F.C.I.)



Bottom of Iron



Hair Dryer



Bottom of Toaster

The following activity has been adapted from, "Home Electrical Safety Checklist" found at <https://www.alliantenergykids.com/ForEducators/Printables>

Electrical Safety Inspection in your Home Activity

Ask an adult in your home to go with you as you complete the following activities. **You will need a piece of loose leaf and a pencil to answer your questions as you complete each activity.**

Kitchen

1. List **3** small electrical appliances in your kitchen that have the **CSA** or **UL** mark on them.
2. Check to see that countertop appliances that have cords are **not** close to the sink.
3. Is there an outlet near the kitchen sink? If yes, is it a G.F.C. I.? If no, make sure that the adult doing the inspection with you knows that the outlet should **eventually** be changed to a G.F.C. I.
4. Test the G.F.C.I. if there is one to make sure it is working properly, here's how:
 - a. plug an electrical device (ex. hairdryer) into the G.F.C. I.
 - b. turn the electrical device on
 - c. press the "**test**" button on the G.F.C. I.
 - d. the electrical device should stop working
 - e. press the "**reset**" button
 - f. the electrical device should come back on

Bathrooms

1. Is there is an outlet near the bathroom sink? If yes, is it a G.F.C. I.? If no, make sure that the adult doing the inspection with you knows that the outlet should **eventually** be changed to a G.F.C. I.
2. Test the G.F.C. I. if there is one to make sure it is working properly.

Outlets

1. Check around your house to make sure there are no overloaded outlets. If you find any, have the adult doing the inspection with you correct the overloaded outlets.

Other Rooms

1. List **4** other electrical devices that have the **CSA** or **UL** mark on them.

Reflection Questions (to be completed on loose leaf or in a word document):

- 1) What do you think is the most common electrical danger to students your age and why?
- 2) What did you learn by completing the electrical safety inspection of your home?
- 3) Now that you have completed the electrical safety inspection, what will you consider or look for when buying a new electronic device?

Health/Wellness

Exercise!

*It's important to exercise our body as when we do this, we also exercise our brain!
Please see the grade 6 teacher pages on the school website for this week's health activities*