

GRADE 6/7

JANUARY NEWSLETTER

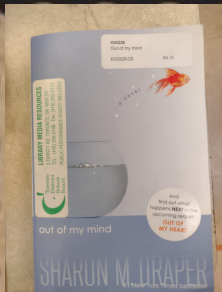


IMPORTANT DATES

- January 14: P.A. Day
- January 17: Return To In-Person Learning
- January 19: Tamil Dance Workshop
- January 28: School Leaders Day
- February 17&18: Student-led Conferences
- February 21: Family Day (No School)

REMINDERS

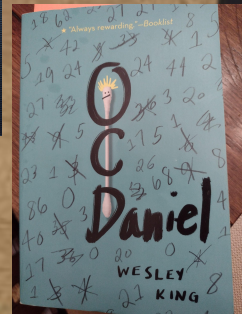
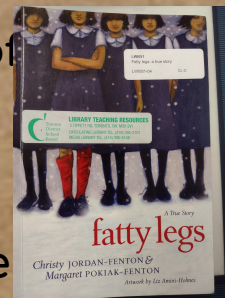
- Dress appropriately for the colder weather (e.g. hats, gloves)
- Consider bringing a pair of indoor shoes to switch into on rainy/snowy days and for gym
- Pack a water bottle
- Check Google Classroom for assignment, reminders, resources



WHAT WE'RE LEARNING IN...

LANGUAGE

- In Reading, students continue to reflect on their independent reading by completing their weekly reading responses. Students are also assigned to reading groups: “Fatty Legs”, “OCDaniel” and “Out of My Mind”. They meet twice a week with the members of their group to discuss big ideas, make connections, build vocabulary and ask rich questions. They also complete weekly role sheets.
- In writing: We now begin the day with the quote of the day (contributions by the students themselves) and a brief grammar lesson followed by a quick hands-on activity. This is leading us into descriptive writing.



WHAT WE'RE LEARNING IN...

MATH

- We are continuing with our unit on data management. As we collect, display and analyze various sets of data, we are identifying and discussing connections to real life.
- We will be applying our multi-step problem solving skills and strategies to finding the mean, median, mode (central tendency) in a set of data.
- We will continue to explore and work through word problems that involve the addition, subtraction, multiplication and/or division of whole numbers and decimals.

DATA ANALYSIS
Outliers Practice

1. Given the following data set:

a) Identify the outlier:
b) Calculate the mean, median, and mode.

Mean	Median	Mode
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c) What effect does the outlier have on the mean of the data when the outlier is excluded from the data set?
d) What effect does the outlier have on the median of the data when the outlier is excluded from the data set?
e) What effect does the outlier have on the mode of the data when the outlier is excluded from the data set?

2. Given the following data set:

a) Identify the outlier:
b) Calculate the mean, median, and mode.

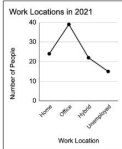

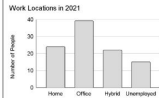
Mean	Median	Mode
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c) What effect does the outlier have on the mean of the data when the outlier is excluded from the data set?
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DATA ANALYSIS
Presenting Data in Various Ways - Part 1

In a recent survey, 300 adults were asked where they were working in 2021: whether they're working from home, working in the office, hybrid (some days at home, some days in the office), or not currently working. The results of this survey are presented below in a variety of ways.

Work Location	# of People
Home	24
Office	39
Hybrid	22
Unemployed	15



Describe the various ways that the data is presented above.

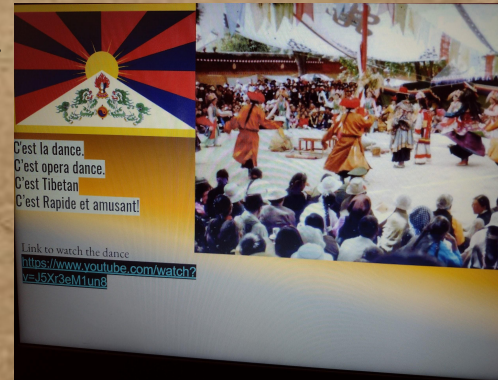


WHAT WE'RE LEARNING IN...

FRENCH

We are wrapping up our "Canada Multiculturel" unit with a final mini project whereby students have chosen a culture of their choice, and an aspect of that culture to describe, (music, cuisine, fashion, dance). The pics on the right are some of the google slides they created.

- Some great ways to practice and review French at home are: [duolingo.com](https://www.duolingo.com) and <https://www.french-games.net/>



WHAT WE'RE LEARNING IN...

SCIENCE

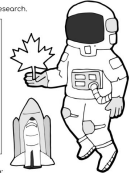
- Grade 6 students will think critically about the impact of space exploration by discussing the benefits and costs. Students will learn about how astronauts meet their basic needs in space and the effects of space on the human body. To further understand some of these challenges, students will use problem-solving and innovative skills to redesign/create improved snack packaging for astronauts. Students will also take a closer look at Canadian astronauts and their contributions through a mini-research project.
- Having completed and tested their one metre structures, Grade 7 students will learn about the various types of bridges (beam, suspension, truss, arch) and how each handles internal forces. Students will then explore the factors behind structural failures through examples/case studies, such as The Tacoma Narrows Bridge and Hyatt Regency Walkway Collapse. Students will also think critically about the environmental impact of structures by discussing positive effects (i.e. protection of fragile environments, sources of clean energy) and negative effects (i.e. resources/materials used, pollution, disposal).

**Canadian
ASTRONAUTS
research**

Canadian astronauts, like Marc Garneau, Chris Hadfield, and Roberto Bonifaz, have made many important contributions to the exploration and scientific understanding of space.

Choose a Canadian astronaut to research.

Canadian Astronauts
• David Saint-Jacques
• Chris Hadfield
• Jeremy Hansen
• Jenni Staley-Gibbons
• John H. Young
• Robert Thirsk
• Julie Payette
• Marc Garneau
• Roberto Bonifaz
• Steve MacLellan
• Danyelle Williams
• Michael Mckoy
• Gregory Betsworth
• Gerd O. Schubert (Space tourist)



Research the following information:

- How and when did they begin their space career?
- What are they best known for?
- What contributions have they made to the scientific understanding of space?
- Any other interesting facts


STRUCTURAL FAILURE case study 2

"Galloping Gertie" Bridge

The Tacoma Narrows Bridge was a suspension bridge in Washington, United States. It opened to traffic on July 1, 1940, and collapsed on November 7 the same year.

Construction on the bridge began in September 1938. As soon as the deck of the bridge (the flat part that is driven on) was built, construction workers nicknamed the bridge "Galloping Gertie" because the bridge deck would jump and twist whenever it was windy. Although there were some attempts to fix the motion of the bridge, it continued to be affected by winds even after opening to the public.

The bridge finally collapsed in 64 km/hour winds. The deck of the bridge twisted back and forth until it tore. The cause of the collapse was the force of the wind. Leonard Coatsworth was the last person to drive on the bridge before it collapsed. Although his car plunged into the waters below when the bridge collapsed, he was not hurt in the incident.

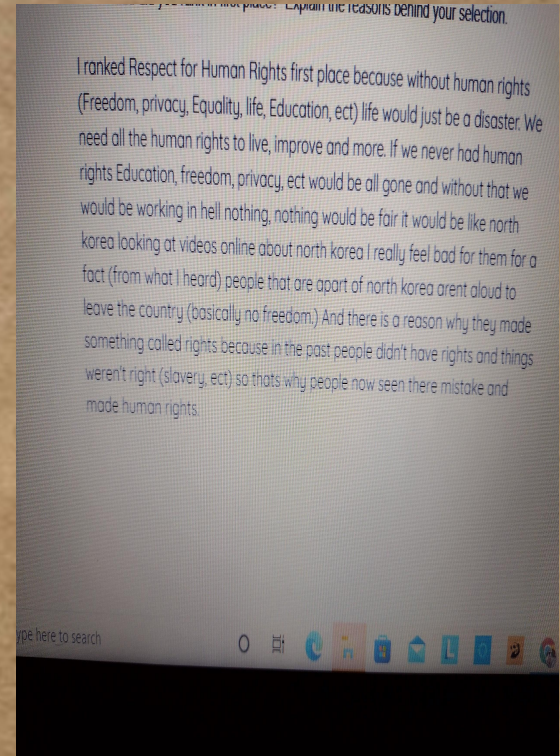


The Tacoma Narrows Bridge

WHAT WE'RE LEARNING IN...

HISTORY/SOCIAL STUDIES

- The Grade 6's continue to gain knowledge, explore and reevaluate ideas about the Canadian identity by reflecting on Inclusiveness, Human rights, Indigenous relations and more.
- The Grade 7's continue to learn about life of communities, including First Nations, Métis, and Inuit communities as well as colonial Canada from New France to New England.



WHAT WE'RE LEARNING IN...

THE ARTS

- Visual Arts: The class will be working with pastels to create landscapes inspired by First Nations artwork and Ted Harrison. Through these pieces, students will explore the elements of colour, shape, and space.
- Drama: Students will be continue participating in drama skits (teacher/student led), utilizing various tones of voice, facial expressions and gestures, as well as props, to successfully convey an intended message/emotion/theme. We will also begin our first script that is a twist on a familiar fairytale.
- Music: Students continue to sing in pitch while playing accompaniments on Orff instruments. We will be working toward learning to read notes on the musical staff.



WHAT WE'RE LEARNING IN...

HEALTH/PHYS-ED

- In health, students will continue learning about online personal safety. We will discuss making safe choices, what to do if faced with a situation, like cyberbullying, and the supports available. We will also discuss being assertive rather than aggressive or passive when responding to and resolving conflicts with peers/friends.
- In phys-ed, we will continue to participate in a variety of team sports/games, such as volleyball. We will continue to build strength and endurance through running laps, stretches and circuit exercises.

→ Cyberbullying


Cyberbullying is bullying that takes place online. It can happen through social media, phone apps, email, text messaging, chat rooms, and other websites.

Examples of cyberbullying include:

- Harassing others online
- Posting private photos of others
- Pretending to be someone else online
- Spreading rumors or gossip online

It is important to think twice before posting anything online. Once something is on the Internet, it can be difficult or impossible to remove.

Answer the question about the cyberbullying situation below.



Is this an example of cyberbullying? Explain why or why not.

What do you think the person who received the message should say or do in response?

→ Support Services

There are many support resources if you are ever in a situation where you are struggling with something concerning what is happening online. These supports are important. They can help by offering the tools and resources you need to improve the situation.

Parents and Trusted Adults
Parents and trusted adults are there to support you with any concerning situations that you may encounter.

Kids Help Phone
Kids Help Phone is a Canadian organization that is available to help kids 24/7. The toll-free phone number is 1-800-488-4888. You can access support online at www.kidshelpline.ca.

CyberHelp.ca
The Canadian Centre for Child Protection is a charitable organization dedicated to the personal safety of our children. The organization operates www.cyberhelp.ca, Canada's tip-line for reporting the online sexual exploitation of children.

School Supports
Your school may offer support options, like guidance counselors that can help you solve complicated situations. You could ask your teacher for more information.

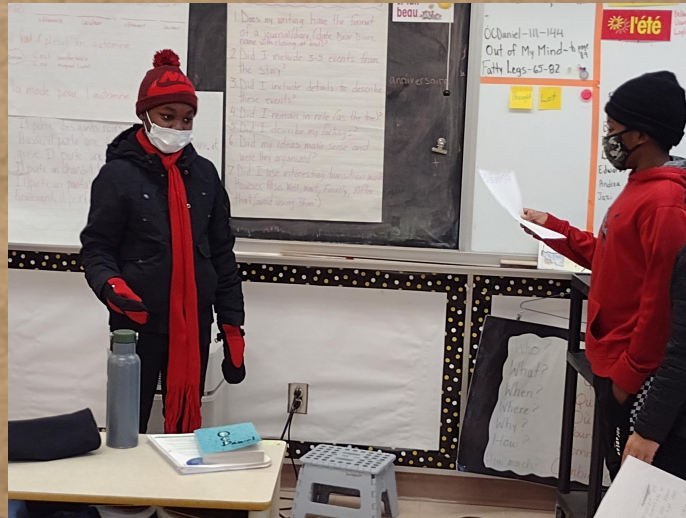
Local Police
If you are in immediate danger you should call 911 and call a trusted adult. If you are not in immediate danger you can have an adult call the non-emergency number for your local police to report a problem.

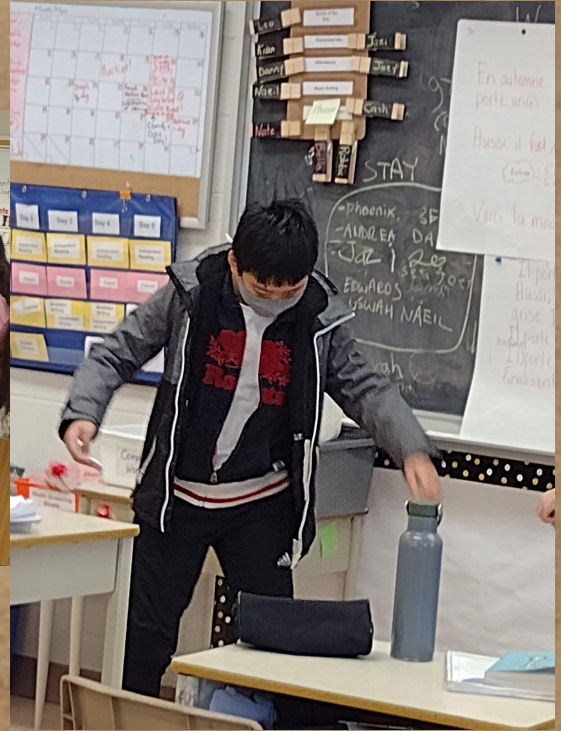
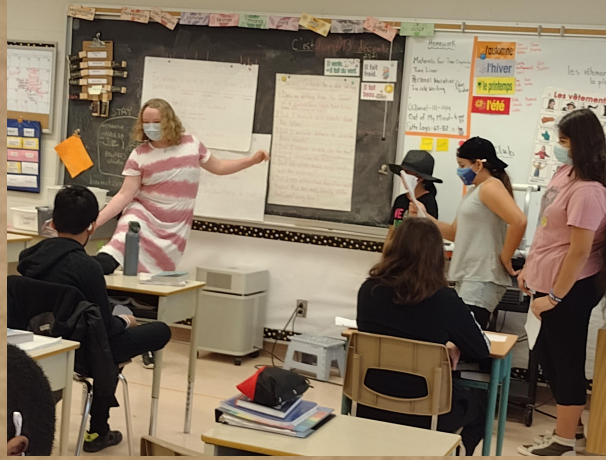
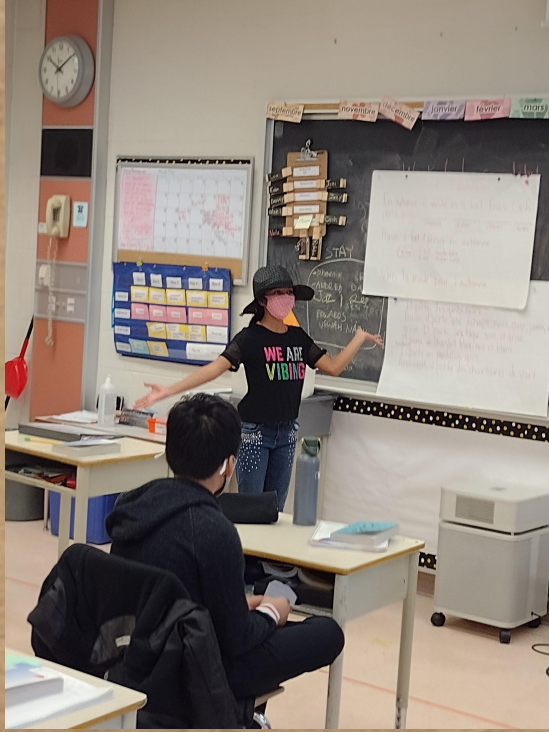
MediSmarts
MediSmarts is a Canadian not-for-profit, charitable organization for digital and media literacy. This website has many resources that can help you learn about ways to be safe online to protect you from dangerous situations. You can go online to www.medi-smarts.ca.



**AND OF COURSE, WE ARE ALWAYS
LEARNING TO BE A TEAM AND TO HAVE
FUN!**

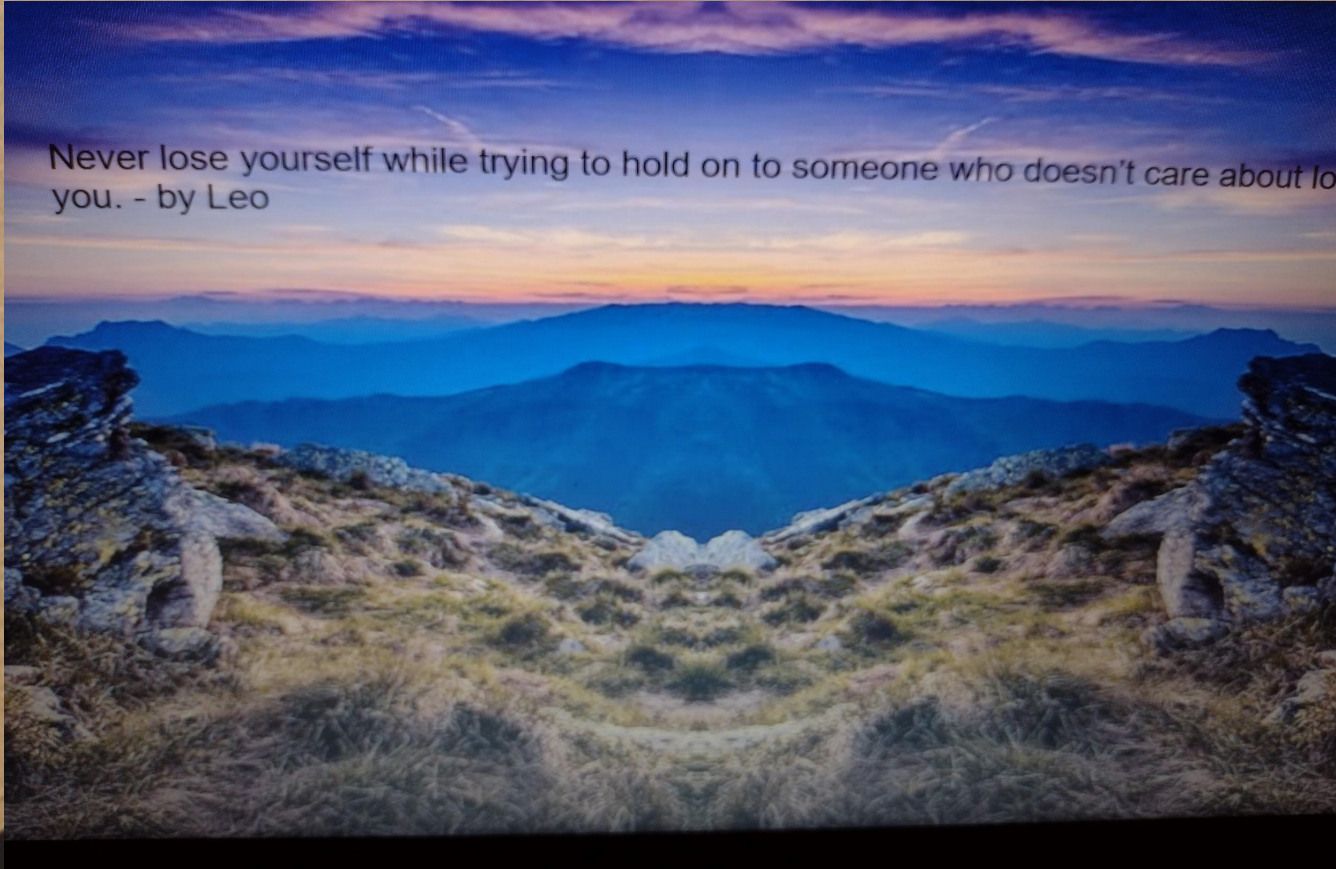
OUR FRENCH FASHION SHOW





Some Famous Quotes by the Students in Room 315

Never lose yourself while trying to hold on to someone who doesn't care about losing you. - by Leo

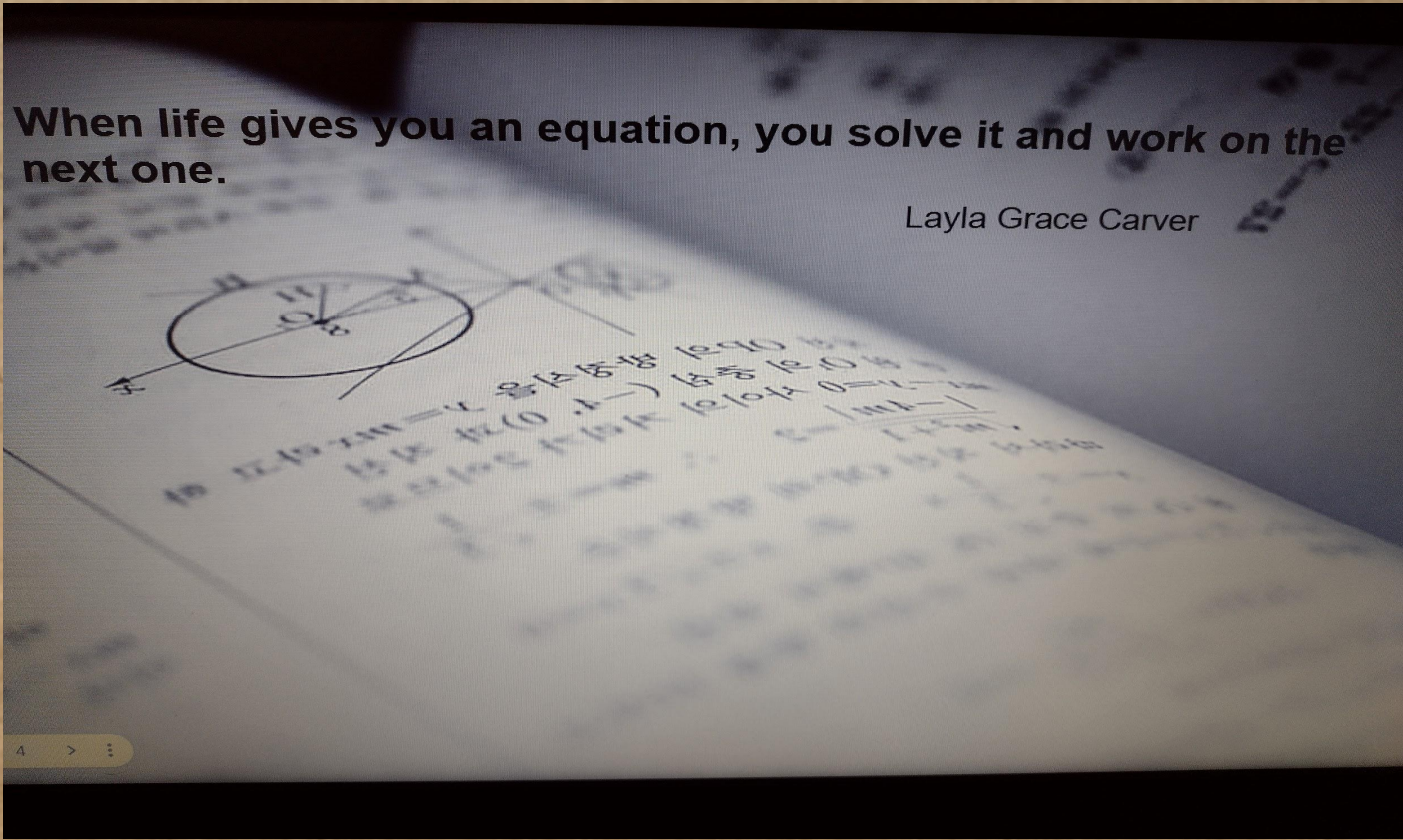


if you want Earth to become a better place,
then stop all this judgement and racism so all
the hatred can disappear, and all the love can
appear. Always show people that you care,
that's my tip to get more friends. **Uswah Khan**



When life gives you an equation, you solve it and work on the next one.

Layla Grace Carver



You can't just wait for success to come you have to get it yourself and never let it go. -Bella

