



Week 2: September 12th-16th Wednesday's Activities

Theme: Taking Care of Others

Story of the Week

[Pandas on the Eastside](#)

Let's Explore Literacy

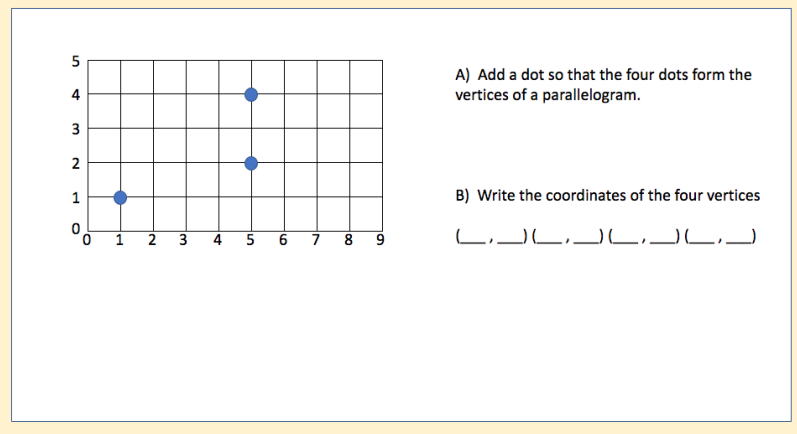
Read the article entitled, ["Perseverance Rover Starts Two Year Mission on Mars"](#)

The rover is named Perseverance. What does that mean and why does it seem appropriate for this rover? Its helicopter is named Ingenuity. Why?

Mars is about 127 million miles (204 million kilometres) from Earth. It takes about 11 minutes for light to travel from Mars to Earth. Any information received from the rover happened 11 minutes earlier! What would happen if things you said to someone else were delayed by 11 minutes?

Do you think humans will live on Mars in your lifetime? Why or why not?

Let's Explore Math



Let's Explore Art and Movement

Design your own soft toy. You can even make one, by drawing your picture onto paper and colouring it with crayons or markers and then cutting out two of them. You can then glue them around the edges (leaving a small hole for the stuffing) and stuff them with tissues or cotton.





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Let's Explore Literacy

Journal Prompt:

If you could change one thing about the world, what would it be?

Let's Explore Math

Ronald McDonald House Canada is proud to be part of a global network serving 5.5 million children annually, across 64 countries and regions. Globally, RMHC's vision is a world where all children have access to medical care and their families are supported and actively involved in their care.

373

Ronald McDonald Houses worldwide

259

Ronald McDonald Family Rooms worldwide

49

Ronald McDonald Care Mobiles worldwide

Write 3 word problems that will help people understand how much RMHC helps families.

Let's Explore Art and Movement

Put on your favourite song and do the following exercises 10 times. •Jumping up and down (x10)

•Toe touches (x10)

•Squats (x10)

•Bear walks (x10)

•High knees (x10)



Week 2: September 12th-16th Friday's Activities

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Let's Explore Literacy

Read the article entitled, ["Philly to dim lights to make it safer for birds in flight"](#)

Do you think this is a good idea? Why or why not?
Is this something we could do in Hamilton?

Choose an advertising medium (radio, print or video) and create an advertisement for this idea.

Let's Explore Math

Find the mystery numbers.

- A) I am a multiple between 15 and 25.
I am a multiple of 3 and 4.
- B) I am a number between 20 and 30.
My tens digit is 1 less than my one's digit.
- C) Rounded to the nearest tens I am 60.
I am an odd number.
The difference in my digits is 2.

Let's Explore Art and Movement

Click [here](#) for a 20 Minute workout.



Week 3: September 19th-23rd Monday's Activities

Theme: Mysteries of Life

Story of the Week

[Paper Crane](#)

Business returns to a once prosperous restaurant when a mysterious stranger pays for his meal with a magical paper crane that comes alive and dances.

Let's Explore Literacy

Read the article, [Giant Wood Moth Spotted at Australian School](#)

What's the strangest bug you've ever seen? Were you afraid of it? Why do you think some people have a fear of insects and bugs?

Let's Explore Math

Just how big is a million? Let's see if we can get our heads around it by exploring some everyday bodily functions.

- Predict how long it takes in hours for your heart to beat 1 000 000 times. Show your work.
- How long does it take to blink one million times? Show your work.
- How long does it take to take 1 000 000 breaths? Show your calculations.
- About how long does it take for your heart to pump a 1 000 000 L of blood (The heart pumps 7200L of blood a day). Show your work.

Let's Explore Art and Movement

Time Capsule

What 3 items would you put in a time capsule to represent the past year? Describe each item and explain why you chose it.



Learning Goal:
I will generate and organize ideas and details into a well-structured paragraph (including an introduction and conclusion sentence).



Week 3: September 19th-23rd Tuesday's Activities

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Story of the Week

[Paper Crane](#)

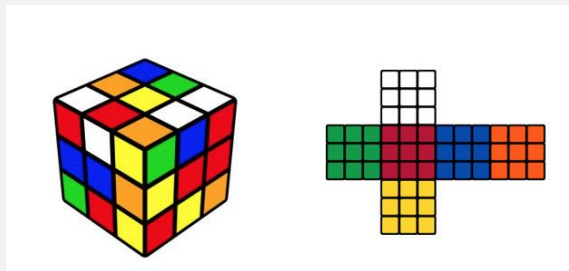
Let's Explore Literacy

Read the article, [Crows Are So Clever](#)

Can you think of any other animals that are social? What are the advantages for an animal who is part of a social group? What might be some disadvantages?

Let's Explore Math

Below is a picture of a Rubik's Cube and one possible net for a Rubik's Cube. Can you find all the other possible nets? (Hint: There are 11 in total)



Let's Explore Art and Movement

Using items you find around the house and outside, assemble a colour wheel like the one below.





Week 3: September 19th-23rd

Wednesday's Activities

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[Paper Crane](#)

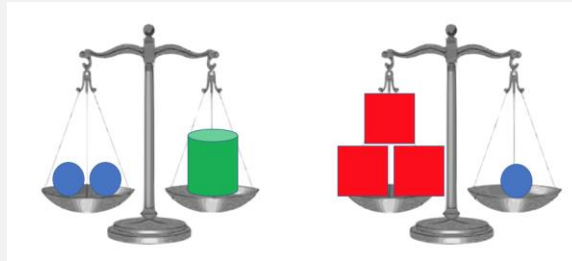
Let's Explore Literacy

Read the article, [A sea slug's head can crawl around and grow a whole new body](#)

Write a short paragraph that explains the central idea of the article. Use at least two details from the article to support your response.

Let's Explore Math

Which shape weighs the most? Explain.
Which shape weighs the least? Explain.



Let's Explore Art and Movement

Alberto Giacometti was one of the outstanding artists of the 20th century. Shifting between sculpture, painting and drawing his career is marked by three key periods, the cubist, surrealist, and a later more mature period in which he explored rendering distance, and human presence. You can read about him and his work here, <https://www.gallery.ca/collection/artist/alberto-giacometti>

After you have explored some of his artwork you can try to make your own. All that is required is some aluminum foil.





Week 3: September 19th-23rd Thursday's Activities

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Let's Explore Literacy

Astronaut Abigail Harrison is aiming to be the first person to ever set foot on Mars. She regularly answers student questions about space, astronauts, and following your passions.

Click on and watch the clip to see what Astronaut Abby has to offer about becoming an astronaut, then create a set of 3 questions you would ask Abby. They can be serious, goofy, or somewhere in between!

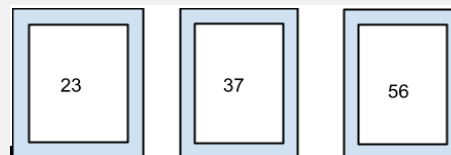
Consider this: Would all of your questions be about the science of space travel? What might you want to know about aliens? Do you wonder if astronauts ever get space sick? How far do you think it is to Mars?



Let's Explore Math

The Book Bin Problem

There are 3 bins of books in the classroom. The number of books in each bin is shown in the picture below.



Kyle takes all the books out of the bins and puts them into piles of ten. How many piles of ten can Kyle make with all the books?

Justify your answer.

Let's Explore Art and Movement

Click on the image to watch a video on future city designs – creating a city that reflects the changes that the future will bring to our world.

Using a pencil and paper, or using found materials, create a future world – maybe even a city that could be found on another planet, or one that might exist in 1000 years from now!

Consider this: What new and awesome technology will the city have? Will it resemble the cities of today? How might a city make use of not-yet-invented features and ideas? Get creative, and don't forget to grab a picture or video of your work!





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Let's Explore Literacy

In Lewis Carol's "Jabberwocky" poem, the author uses nonsense words, which many people have tried to decipher (figure out). Read the words in the poem, and see if you can figure out what the author is trying to say.

Re-write the stanza using your own words to replace the nonsense words and ideas.

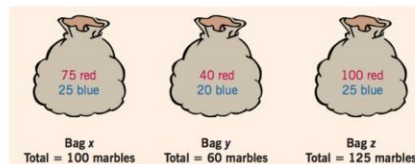
Consider this: Can you figure out whether the nonsense words are nouns, verbs, adverbs, or adjectives? How can you tell which is which?

'Twas brillig, and the slithy toves
Did gyre and gimble in the wabe:
All mimsy were the borogoves,
And the mome raths outgrabe.

Let's Explore Math

The Bag of Marbles Task

A math class was studying statistics. The teacher brought in three bags containing red and blue marbles. The three bags were labeled as shown below:



The teacher shook each bag. The teacher asked the class, "If you close your eyes, reach into a bag and remove 1 marble, which bag would give you the best chance of picking a blue marble?"

Which bag would you choose?

Explain your thinking.

Let's Explore Art and Movement

Have you ever solved a maze or *labyrinth*? Mazes have been used throughout history to offer challenges, protect secrets and special artefacts, and as part of myths and stories.

Using a pencil and paper, or household objects, create your own labyrinth – and consider what tricks or tips will help to make it more difficult to solve. Does the shape of the labyrinth affect how difficult it is?





Week 4: September 26th-30th Monday's Activities

Theme: Action and Adventure

Story of the Week

[The Moon Ring](#)

In the light of a blue moon, the second full moon in a month, Maxine discovers something amazing in the grass: a magical moon ring! Ahead lies a night of adventure beyond anything Maxine could have imagined, as she is whisked around the globe, from the ice floes of Antarctica to the sunbaked African savannah to the neon lights of New York City. Is it all just a dream? Only Maxine and her grandmother know for sure. Playful illustrations make this exciting adventure story one that children will ask for over and over again!

Let's Explore Literacy

Stranded! You find yourself alone on a deserted tropical island. The weather is warm enough that you don't have to worry about the cold, and there is a source of potable (drinkable) fresh water that you can drink.

Create a list of 5 essential items that you would want to have with you – and explain how they would help you as you wait for a rescue.

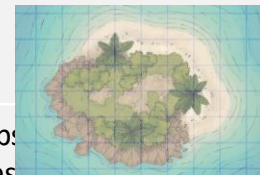
Consider this: Would you choose a different five items if you knew you'd be rescued in 3 days? A month? A year?

Let's Explore Math

You have been hired to measure a newly discovered island in order to determine how many buildings can fit on it.

If each of the squares in the picture is 5 metres x 5 metres, can you figure out approximately how many m² the entire island is?

Consider this: Why might you get a different answer than a classmate? How many homes do you estimate could fit on the island? What would be some of the challenges to building on a remote island?



Let's Explore Art and Movement

Many of the books we read and games we play contain maps that are fantastical. Using your imagination, and finding inspiration in real places, imagined places, and even your own home, create a map that could be used to give directions, inspire a fantastic story, or lead someone on a true adventure.



Week 4: September 26th-30th Tuesday's Activities

Theme: Action and Adventure

Story of the Week

[The Moon Ring](#)

Let's Explore Literacy

Imagine that you had to explain the meaning of the words "left" and "right" to a space alien who had never heard those words before. And **also** imagine that you had to do so in a purely verbal manner, that is, without drawing pictures or pointing at things or otherwise making gestures.

How would you do it? Write out a conversational script.

Let's Explore Math

Every year in Spain, teams compete to build the tallest human tower ("castell") by grouping together, standing on shoulders, and adding layer after layer of fully upright team members. Some castells have been made of up to 14 layers of people!

If you stack a green-shirt person, then blue, then green, then blue, then green, does the tower have more green shirts or blue shirts?



Let's Explore Art and Movement

Take a look at the images above – do you see how the artist has used household objects to create scenes in miniature? Using things you can find easily around your home, try to create a scene in miniature – and don't worry about having tiny people on hand. You can always draw them (and cut them out) yourself!





Week 4: September 26th-30th Wednesday's Activities

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Story of the Week

[The Moon Ring](#)

Let's Explore Literacy

Have you ever seen a roadside attraction? Heard about one of the giant apple, or moose, or nickel built in Ontario? There are giant structures all across Ontario that are meant to represent in some small way (or some BIG way) the town they are in. Any they ARE big – for example weighing in at almost 12,000 kilograms, the Big Nickel in Sudbury is 64 million times larger than the humble Canadian coin that inspired it.

Think about where you live – your neighbourhood, your street, your home, or your school community. What might be a cool symbol to represent it? Decide on what you might make extra large – and then explain your choices. Where would it go? What would it be made of? Why? Feel free to create a picture of your symbol as well.

Let's Explore Math

1. The four conductors are Roderick, the conductor working on June 10, the person departing from Leland and the person departing from Indio.
2. The person working on June 13 will depart from Hardwick.
3. The conductor working on June 12 is either the conductor departing from Indio or Roderick.
4. Vernon is either the person working on June 11 or the conductor working on June 13.
5. Francis will leave sometime before the conductor departing from Leland.

Let's Explore Art and Movement

Check out the Boston Children's Museum below for a no-waiting, no-crowds way to explore cool art from the comfort of your own home! As you explore, consider where you'd like to spend the most time while exploring a museum – are you a huge fan of paintings or sculpture? Do you love installations or modern art? Do you love to learn about the past – mummies and ancient masks?





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[The Moon Ring](#)

Let's Explore Literacy

The [pyramids in Egypt](#) are some of the most incredible structures ever built. They were built using stone – cut and placed with jaw-dropping precision, and their purpose has long been debated. Were they the final resting places for famous Pharaohs? Were they places of worship? Or were they used for something else entirely?

Explore the article linked above and do a little digging – and then decide if you need to do some research on your own in order to better understand their purpose.

Write what you believe they were built for – and make sure to explain why you think the way you do. What information helped you decide? What website or reading taught you something important?

Let's Explore Math

Have you heard of **Farmlandia**? It's a made up game where you run a farm, and have to make decisions about what to buy in order to make the farm as prosperous as possible.

Click on the Image, and determine how you would spend \$1000 to improve your farm –the real task here is *justifying* why you chose what you did. Compare to someone else's choices, and see if you can convince them to change your choices the best?



Let's Explore Art and Movement

What's your favourite outdoor game? Are you a soccer fan? Are you the school Tag champion? Are you a natural at Hide & Seek? We know how tough it can be to not get a chance to play with our friends, so here's your chance to create something on your own.

Create a new game for one player, two players, or a team – one that can be played from home, virtually, or one that can be played when we are with our friends in the same space. Name and design the rules (is there a score? How do you know who wins? What materials will be required?) and be ready to discuss the rules with a partner.



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Let's Explore Literacy

Read this article from Teaching Kids News, [Ingenuity Helicopter Completes First Flights on Mars.](#)

THINK AND DISCUSS

- 1) What does the word "ingenuity" mean? Is it appropriate for the name of the helicopter? Why or why not?
- 2) What do you know about Mars?
- 3) Where is Mars in our solar system, compared to the other planets?
- 4) Can you draw Mars? What colours would you need—and why?
- 5) A piece of fabric from the Wright brothers' plane was attached to Ingenuity. Why do you think they did that? It is very important that Ingenuity be as light as possible—do you think they should have included the fabric or not? Explain.

Let's Explore Math

In a class of 40 students, 8 are in the drama club and 12 are in the art club. If a student is selected at random for a dream vacation to their favourite city, what is the probability that the selected student is:

- a) in the drama club?
- b) in the art club?

Let's Explore Art and Movement

We all dream of vacations from time to time. Imagine that you are the student selected from the drama or art club for their dream vacation. Using a safe Google Image search, create a photo-essay of your dream vacation and note all of the activities you'd do in a certain city.