Discover Ontario Take a journey across our province, exploring

some of the people and places that make

Ontario so incredible!



Asynchronous Learning Tasks

> Grade 4 Grade 5 Grade 6



<text></text>	A simile involves the comparison of one thing with another of a different kind. For example, 'spindly branches like fingers'. Can you think of other similes to describe the trees or the tunnel? Write a story about the never ending tunnel. You may choose to use the story starter available <u>here</u> . Include at least two similes. For example, The tunnel's walls were green like The tree branches swayed in the wind like	 Think about Who is the person entering the tunnel? What will he or she find if they keep walking? Why has she or he dreamt of this moment before? Does the dream have a meaning? Who/what else has travelled through this tunnel before? Where has the person come from? Does anyone else know he or she is there? What lies behind the trees on either side? Is she or he in danger?
	 Joy Map The purpose is to create a visual representation of who and what brings you joy in your life. Examples may include: people, places, interests etc., Brainstorm the things that bring you joy in your life. Jot them down. Design a map that makes sense to you. What interests do you have that you think would bring you joy? How will you display them on your map? 	Self Reflect How do you feel about your map? Is it a good representation or did you discover you are missing things? Would you make any changes or additions? If so, go ahead and rework your piece. Share with someone and make a plan to find ways to bring more joy in your life!
MATHS	Attribute Hunt These pictures show two objects that have a shared <u>attribute</u> . What attribute do these objects have in common?	You may choose to search for attributes such as - Parallel lines - Perpendicular lines - Symmetry - Congruence - Types of angles (right, acute, obtuse, straight) Do any of your pairs of objects have more

than one attribute in common? Why do you think that is? Where can you find two objects that have Which attributes were easy to find? Which a shared attribute? You can take a were more difficult? picture or make a sketch of your findings. Find pairs of objects that have different Click here for a handout. attributes in common. **Modifications and Switch Ups** Cardio Tabata Jumping jacks A tabata workout alternates 20 seconds _ High knee jogs **boks** BURST Cardio of high intensity activity with 10 seconds -Jumps forward and back **Tabatas** of rest for 8 rounds. -Cross country skis For this workout, complete each of the _ Jump side to side OF following activities for 20 seconds Fast feet -THE _ Hop on the right foot _ Hop on the left foot Let's DAY _ Pretend jump rope Activities for kids! **Make sure you rest for 10 seconds between each round. movii **Repeat at least 2x

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Take an online tour of at least two of the <u>Hamilton Civic Museums</u>. What makes each place significant to Canadian history?









See the full list of <u>National Historic</u> <u>Sites</u>. Do you think these sites are deserving of recognition and preservation? Can you think of another place you would you nominate? Consider the <u>criteria for</u> <u>evaluating places of potential</u> <u>national historic significance</u>.

Write a persuasive letter pitching a place of significance for recognition. Be sure to include lots of evidence to justify your choice.

	Learning abo	ut me		
Fox	 Look at the 4 pictures in t deer, lion, dove) Think about the characte and jot them down in a 4 	he corners. (fox, eristics of each square.		
	Now think about yourself an answer to the following:	id jot your	Lion	
	When I am at school I am a dove) because	(fox, deer, lion,		
Deer	When I am at home I am a . dove) because	(fox, deer, lion,		
	Reflect: Share your decision member or friend. Which on choose? How do you feel about your What did you learn about yo	i with a family ie would they decision? ourself?		
	Challenge: Is there another would choose instead? Writ metaphor for that animal. F am a monkey or I am racco	animal that you e a new For example., I pon.		
	Almost One V This picture shows almost Where do you see almost	VholeWhat otherone whole.you? Can yone whole inOne Half?	What other fractions can you find around you? Can you find one third? One fourth? One Half? Would You Rather Share 5 brownies bars with 2 friends Share 4 brownies bars with 8 friends Share 2 brownies with with 4 friends	
MATHS	this picture?	Would Ye Share 5 bro Share 4 bro Share 2 bro		





Where can you find almost one whole? You can take a picture or make a sketch of your findings. Click <u>HERE</u> for a handout. Share 5 brownies bars with 4 friends Share 3 brownies bars with 4 friends

Draw pictures of each situation to support your answer.

NOTE: each brownie bar is the same size!



Colour Pattern Burst

One family member is the leader and makes a colour pattern using blue, red, green, and yellow. Each colour has a movement associated with it (outlined at right). Students try to guess the colour pattern by performing the movements in order. Switch leaders once the pattern is guessed, or after a few minutes of guessing.

Movements

BLUE = jumping jacks RED = butt kickers GREEN = squats YELLOW = high knees



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Read along with the story of <u>Rosie</u> Revere Engineer, read by astronaut Kate Rubins.



Challenge yourself to find vocabulary words by completing this online word search.

Then, check out the online exhibit from the Canadian Aviation and Space Museum in Ottawa to learn about the real life Canadian engineer, Elsie MacGill, who was the world's first female chief aeronautical engineer. Learn more at the Canadian Encyclopedia.





The book *Meet Elsie MacGill* uses simple text and full-colour, comic-flavoured illustrations to bring this fascinating story to life! Study this excerpt from the book. Then, choose a moment in Elsie's life that you learned about and create a page for the book.



In this fun debate podcast, a youth judge listens to and scores the fact-based arguments of two contestants.

Listen to a debate over which is better...chocolate vs cheese; invisibility vs. flying; unicorns vs. dragons in Smash Boom Best!

Play a Smash Boom Best judge at home and decide the winner by filling in this scoresheet with your own take on the debate battle!

Choose a topic to <u>vote</u> on and write a paragraph defending your opinion and persuading your reader.

Select one of the graphic organizers below to plan out your work:





Determine what is the greatest area that can be enclosed with 36 sections of fence.

36 Fences

- Assume the fence pieces are 1 metre in length.
- Decide: what shapes are acceptable for the fence? (regular, irregular,

**The diagram above shows 4 sections of fence. How might a visual representation help you? If you don't have grid paper, try using a grid on Mathigon. You can find the



Download some printable <u>grid paper</u>. Source: youcubed.org

grid settings on the right-hand side.





Cup Pyramid Jump Burst

- Students receive 6 plastic cups. 1. The cups are placed on the floor in a row with the bottoms up.
- On the "go" cue, students jump 2. over the stack and then turn back to the cups and take one of the outside cups and carefully balance it on two cups on the floor.
- 3. They then jump over again, turn back to the cups and take another cup and balance it beside the previously placed cup.
- This is followed by another jump 4. and placement of the final cup on top, with a final jump over the tallest pyramid with the goal of not knocking it down.

5. Finish the game by repeating the jumps until the pyramid is returned to its original state of lined-up cups on the floor.

You can also try:

- Jumping on one foot
- Jumping from side to side

**See video for a demonstration.



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Discover the treasures of the **Bata** Shoe Museum, Toronto's inspiring, charming and surprising shoe museum. In this behind the scenes video, meet the creative director and unbox some of the museum's special collection.

Then, colour your own special sneakers using this template. You can also explore the history of socks or try your hand at some fun slippers.

Do you have a favourite pair of shoes, slippers or socks? Are any of yours worthy of being included in the Bata Shoe Museum?



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Click HERE for extension activities.

Act I: What do you notice? What do you wonder?

On March 31st, 1975, the <u>CN Tower</u> officially became the World's Tallest Free-Standing Structure. It held this honour until 2007, when the Buri Khalifa in Dubai, United Arab Emirates, surpassed it.

The live HD streaming EarthCam, located on the top, offers a unique vantage point to see Lake Ontario, Toronto Islands, Rogers Centre, Royal Ontario Museum, and so much more!

Use the EarthCam to try and complete this scavenger hunt.



While you are visiting Toronto, make a virtual stop at Canada's Wonderland! Choose from Roller Coaster POVs, Thrill Ride POVs or Family Ride POVs

POV stands for Point of View. How effective do you think this technique is at making you feel like you are experiencing the ride?

Recycle Bin Tower Challenge 1

Goal: to build a tower as high as you can using these materials in 20 minutes.

Gather materials from your recycle bin:

- Paper
- **Boxes**
- Cans
- Other materials from your recycle bin

Masking tape Timer at 20 minutes

Build your tower - no plan - just go!

Reflect:

What did you learn about yourself? How did the timing affect how you felt? What challenges did you face? How could a plan have helped?

Giant Rubber Duck

Act 2: About how many rubber ducks tall is the CN tower? Justify your answer.

What do you...

Recycle Bin Tower Challenge 2

Goal: to build a tower as high as you can using these materials in 20 minutes.

But First Make a Plan!

Look at the materials in front of you and draw a sketch of how you could make the tallest tower.

Build your tower following your plan!

Reflect:

Compare your first tower build to your second build.

How did having a plan help you?

What have you learned about having a plan? What if the goal were to make the tower as sturdy as you can? What would you do differently? Try it out!

Act 3: Pause the video after about 2 seconds. Does this information help you to make a more accurate prediction? Revise your answer and then watch to the end for the reveal.









Scarf Toss Challenge

You need one scarf per participant

- Throw the scarf in the air as high as possible, perform 1 burpee, and then attempt to catch the scarf before it hits the ground.
- For each successful catch, tie a knot in the scarf and attempt the challenge again.
- Continue the challenge until the scarf hits the ground.

Variation: Instead of burpees, try another skill such as squats or jumping jacks.



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Capture Your Journey

Look back at your week and reflect on the places in Ontario that you have explored and the people you may have met along the way. Imagine that you were telling a friend about your journeys. What was a highlight? Is there somewhere you would want to visit again or someone you would like to get to know better?

Create a two-page travel journal entry to capture highlights and memories of a favourite person or place. Include photos (these can be screenshots), doodles, written descriptions, memories, momentos or drawings of items you may have received or purchased at a gift shop, etc. Use your imagination!



MOST WONDERFUL PERSON OF THE YEAR AWARD

Campaign Manager

Goal: to foster positive feelings amongst family and/or friends

Make a list of 3 people you would like to nominate for the Most Wonderful Person of the Year Award.

Make jot notes about all their special qualities and why you would like to nominate them for this award.

Now make a plan about how you would like to share this award with them.

Create a campaign poster outlining why they are the most wonderful person of the year.

Or you can make a campaign button or even write a speech on the computer or with markers and art supplies. Be creative.

When you are done, share this with the people you have nominated.

Reflect:

How did the person respond? How did you feel giving the award? What do you think would happen if we shared positive feelings with one another more often?



Chalk Art Designs

Follow the instructions in this video at the bottom of <u>THIS PAGE</u> to create a chalk art design. If the weather does not permit you to work outside, you can create your

design on paper and use a ruler to create your straight tape lines. Colour your design so that no adjacent sections are the same



Reflect

- How many sections did you make in your design?
- How many parts are green (or applicable colour)?
- What fraction of your design is blue (or applicable colour)?
- Which section has the largest area? How do you know?
- Which section has the largest perimeter? How can you tell?

colour. (What is the fewest number of colours you can use?)





Paint it Up

It's arm day! Pretend that your arms are paint brushes and follow the actions in the video.

Next, follow this <u>STRETCHING</u> routine.

