

Fun for Everyone



SUCCESS for Every Student

Fun Summer Learning Ideas

Grand Erie values languages and home cultures. We invite all our families and students to complete some of these activities in English, French, or their own first/home language.

Try an Hour of Code



<https://code.org/>

This website offers opportunities for all ages to get involved in computer coding.

My Favourite Things



Use an app such as Bookcreator, Pic Collage, or Sway to document your current favourite things (e.g. toys, people, places, food, music, movies, games, etc.). Include your name, age, and date. E-mail your creation to yourself or a trusted adult to keep for you.

Visit Toronto Zoo!



Toronto Zoo Virtual activities:

<http://www.torontozoo.com/zootoyou>

Ontario Attraction Virtual Tours



Visit the link:

<https://attractionsontario.ca/virtual-tours-online-collections/>

Visit a National Park!



The Hidden Worlds of the National Parks:

<https://artsandculture.withgoogle.com/en-us/national-parks-service/parks>

How Far?



Go for a walk, run, rollerblade, scooter or bike ride. How could you measure how far you went? Consider measurement tools such as fitness trackers, phones, timers, watch, etc.

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Family Fitness Circuit



Have each family member that would like to participate write out 1-3 fitness activities that everyone can do using materials you have (e.g. tennis ball, skipping rope, basketball, cans of soup as weights, etc.). You do not need any specific materials. You can choose activities that use only body weight. Each person writes the name of or directions for the activity and the number of rep's or time to complete it for. Before beginning, each person demonstrates their activities. Some ideas for activities include jogging on the spot, jumping jacks, squats, jumping rope, jumping back and forth over a line, toe raises, crunches, pushups, etc.

Body Sensing Meditation



Lay down in a comfortable position. Visualize your body feeling light and relaxed. Let your thoughts go all the way down to your feet. Become aware of your feet. Think about how your feet feel against the floor and how relaxed they are. Release your thoughts from your feet and move up to your shins and calves. Continue moving up the body naming and putting thoughts to each new body part before moving on to the next. After all major body parts have been addressed, lie quietly for a minute or two before getting up. (From OPHEA's BrainBlitz resource)

A Variety of Card Games



Visit this link:
<https://bicyclecards.com/rules/?results=show#filter=.family>

Build a Rube Goldberg Machine



Use ideas inspired by:
<https://tinkerlab.com/engineering-kids-rube-goldberg-machine/>
First, get inspired:
OKGo Video: <https://www.youtube.com/watch?v=qybUFnY7Y8w>
Balloon Popper from Walter Wick's I Spy book:
<https://www.youtube.com/watch?v=-00r54HAazA>

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Build a Rube Goldberg Machine Continued...



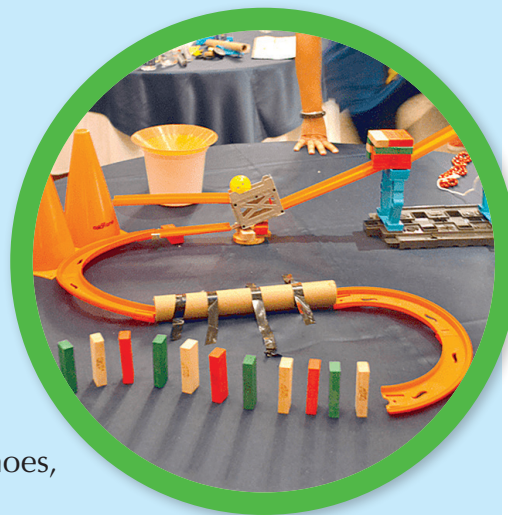
CBC News – Family Wins Rube Goldberg Challenge:
<https://www.cbc.ca/radio/asithappens/as-it-happens-tuesday-edition-1.5604697/toronto-family-thrilled-and-a-little-bit-surprised-to-win-rube-goldberg-challenge-1.5604698>

Next, come up with a simple problem that you're trying to solve.
For example:

- Ring a Bell
- Pop a Balloon
- Open a Door
- Put a ball in a bucket

Then, gather supplies using
safe and parent-approved
things found around the house:

- Things that roll – like marbles, toy cars, tennis balls
- Things that move – like dominoes, fan, pulley and string
- Ramps – paper towel or wrapping paper tubes, books, toy train or race car tracks, cardboard
- Things that connect, lift and fasten, like popsicle sticks, wooden blocks, string, tape, cereal boxes



Now build! The basic concept to explore is chain reactions, so anything that tips something else over (and so on) is what you're going for. Think about simple machines. Use gravity. Start with simple ideas and keep tinkering!

Source: Image from teachengineering.org

Get to know your local environment



Get to know your local environment
Visit the following website to learn about plant species found in Ontario:

<http://ontariotrees.com/main/speciestype.php?type=SH>

Go out in nature and see which species you can identify.

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Bird Watching



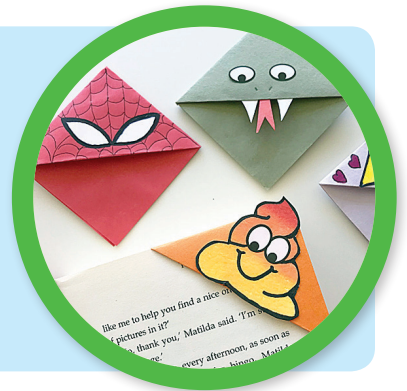
While sitting outside, looking out your window or going for a walk on a trail pay attention to all of the birds that you see. Think of a fun way to track the types of birds you see and hear. You may want to keep a tally chart or maybe keep track of them in a silly song? Have fun!

Try Origami!



Origami Fun Paper Folding:
<https://www.thesprucecrafts.com/how-to-make-an-origami-bookmark-2541001>

Source: Image from Scholastic.com



Tangram Puzzles



Virtual Tangram Puzzles:
https://www.mathplayground.com/mobile/tangram_fullscreen.htm
Or make your own tangrams!
<https://nrich.maths.org/6715>

Learn something!



Think of something you want to know how to do and see if you know an adult near you who could teach you. Examples: knitting, sewing, painting, yoga, gardening, tuning up a bicycle, beading, fishing, etc. You may want to look for some online tutorials together. Be patient...it takes practice to get good at something!
e.g. knitting:
<https://www.thesprucecrafts.com/teaching-children-to-knit-2116018>

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Try Virtual Art Gallery Classes!



Art Gallery of Hamilton Workshop Wednesdays (also recorded to view any time)

https://bit.ly/GEDSB_ArtGalleryClasses

The following is one example of a workshop they offer – It is a 30 minute video on how to draw characters:

https://www.youtube.com/watch?v=vAFic8BGc_g

Stargazing!



Visit: <https://www.accuweather.com/en/space-news/10-astronomy-events-you-dont-want-to-miss-in-2020/649605>

July 14 to 20: Jupiter and Saturn to take the summer sky!

The two biggest planets in the solar system will be visible in the sky as Jupiter and Saturn shine together all summer long.

The middle of July will be the best time to see the planets, with or without a telescope. They will be at the point in their orbits where they will be closest to the Earth, called opposition, making them appear brighter than any other time during the year. Jupiter will arrive first on July 14, then Saturn on July 20.

Aug. 12- 13 - Perseid meteor shower!

The Perseid meteor shower is usually one of the top meteor showers of the year. Experts agree that the 2020 Meteor shower more visible than the one in 2019 because this year the moon will only be in the sky for the last part of the night. This will allow us to see up to 100 meteors per hour.

“Perseids are not only numerous; they are beautiful. Most of the meteors leave a glittering trail as they pass,” AccuWeather Astronomy Blogger Dave Samuhel said. “They are multi-colored and many are bright!”



Students must have the appropriate supervision for safety when completing science tasks. Adult participation is required for safety when completing some of the science tasks. If you have any concerns with completing these science tasks, please don't attempt them.