

November: Let's Remember!

Are you looking for something fun and educational to do at home? Check out these library recommended STEAM activities, programs, podcasts and more! Click the links to visit activities and books.

For more ORL STEAM content visit: www.orl.bc.ca/steam

SCIENCE

National Vinegar Day- Nov 1

Activities:

Pre-School: [Erupting Rainbow Rocks](#)

Middle School: [5 Science Activities Using Vinegar](#)

[Baking Soda/Vinegar Powered Boat](#)

All ages: [How to Grow Crystals From Salt and Vinegar](#)

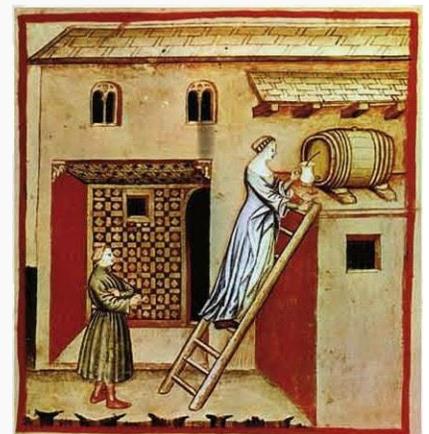
Books to Read:

[Skillet Bread, Sourdough, and Vinegar Pie: Cooking in Pioneer Days](#) by Ichord, Loretta Frances

[Making and Using Vinegar: Recipes That Celebrate Vinegar's Versatility](#), by Collins, Bill

[The Science Chef](#) by D'Amico, Joan and Drummond, Karen Eich

Interesting Fact about Vinegar: As far back as 5,000 BC, the Babylonians were believed to have fermented palm dates to create palm vinegar. This is most likely the first instance of pickling to preserve foods to eat later. 7000 years later, this is still one of vinegar's most useful purposes.



Canada History Week 2021 -November 22 to 28 This year's theme is Indigenous History

Activities:

Elementary: [Good vibrations](#)

Middle School: [Cartoon Experiments](#)

All ages: [Make a dreamcatcher](#)

Books to Read:

[Journal of a Travelling Girl](#) by Neema, Nadine

[Walking the Clouds: An Anthology of Indigenous Science Fiction](#) by Dillon, Grace
[Spirit Bear, Based on a True Story](#) by Blackstock, Cindy

Interesting Fact about Indigenous inventions:

Who invented hockey is hotly contested but one theory is that it was invented by the Mohawks and we're going with this one. Hundreds of years ago, Jesuit priests wrote about the Mohawks playing with a stick and a piece of frozen ice embedded with mud and stones. According to the Jesuit journals, when a player was struck by the "puck" they yelled "Aukie!" meaning, ouch. Other inventions credited to First Nations include the canoe and kayak, darts, lacrosse (forerunner to hockey), snow goggles, hammocks, cable suspension bridges, pain relievers.



STEAM Day- Nov 8

Activities:

PreK: [Creating a snowflake](#)

Elementary: [Kitchen science experiment](#)

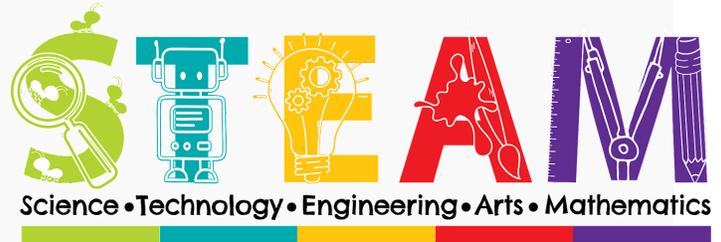
All Ages: [STEAM activities](#)

Books to Read:

[100 Easy STEAM Activities](#) by Andrea Scalzo Yi

[STEAM Kids](#) by Anne Carey

[Robot Repairs](#) by Jonathan Litton



Fun Fact about STEAM day- The November 8th date is a play on words for “innovate”.

ART

World Origami Day – Nov 11

Activities:

PreK – [Origami Cats and Dogs](#)

Elementary – [How to Fold a Weave Bracelet from Drinking Straws](#)

All Ages – [Math Art Awesomeness: Make a Transforming Ninja Star](#)

Books to Read:

[Origami: Activities for Children](#) by Araki, Chiyo

[Origami for Beginners](#) by Temko, Florence

[Amazing Origami Dinosaurs](#) by Ives, Rob



Interesting Facts about Origami:

A student from Ohio, in the US, holds the world record for the most origami birds: 30,000 of them, all identical. In Japan, the biggest origami of all time is also a bird, but it's 86 meters tall and was made by 800 people.

Fibonacci Day – Nov 23

Activities:

Pre K- elementary: [Mondrian Style Fibonacci Art](#)

Middle school: [Easy Math and Art Fibonacci Sequence Activity](#)

All ages: [Fibonacci Art Project](#)

Books to Read:

[Blockhead: The Life of Fibonacci](#), by D'Agnese, Joseph

[Horrible Harry Cracks the Code](#), by Kline, Suzy

Interesting Fact about Fibonacci: It is in nature like the branch of the trees, the arrangement of a pine cone, and the straighten fern. For the flowers, the number of petals is a Fibonacci number. A rare variation of the common three-leaf clover is the four-leaf clover. These four-leaf clovers bring good luck. Because according to superstition, it is lucky since four is not a Fibonacci Number and it is rare.

