

STEAM newsletter

May 27, 2020

**Are you looking for something fun and educational to do at home?
Check out these library recommended STEAM activities, programs, podcasts
and more!**

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

STEAM JOKE OF THE WEEK

A patient goes into the doctor for an x-ray. They put on the gown, wait for the camera, and then sit in the doctor's office, anxiously waiting for the results. A few minutes later, the doctor comes in, holding a picture of a bell curve. The patient asks, "Is that... normal?"



SCIENCE

[Air Cannon \(Grades 2-5\)](#) - "See" air and learn how air moves using a mini air cannon blast. Adding a smoke machine will bump this up a notch.

[Orange Buoyancy Science Experiment \(Grades PreK-3\)](#) - In this fun, hands-on experiment learn why certain objects either sink or float!

TECHNOLOGY

[Star Walk HD \(All Ages\)](#) - Check out this interactive iOS stargazing app. Follow the night sky in real-time and explore over 200, 000 celestial bodies.

[NASA App \(Grades 4+\)](#) - Stay up to date with the latest NASA content, including images, videos, NASA Television, Solar System Exploration feature, ISS sightings, mission information, and much more.



ENGINEERING

[Engineer a New Paper Clip \(Grades 5-8\)](#) - Anyone else think we can do better than a boring ol' paper clip? Get creative and engineer a new way of clipping paper together!

[Four Engineering Challenges for Kids \(Grades K-5\)](#) - Get busy building and having a blast using household materials such as craft sticks, wooden cubes, and small plastic cups!

ART



[Recycled Tin Can Windsocks \(All Ages\)](#) - Looking to spruce up your lawn or porch with something colorful and scientific? Make this windsock with simple materials.

[Homemade Microwave Puffy Paint \(Grades K-5\)](#) - Make a few batches of this paint that puffs up in the microwave!

MATH

[Math Fact Jenga \(Grades K-2\)](#) - Refresh your Jenga set and make it into a math contest with just a few peel off stickers.

[Place Value Concentration \(Grades PreK-3\)](#) - Make the complicated concept of Place Value fun and easy with this concentration game.

& MORE

[So You Stocked Up on Toilet Paper? \(Grades K-8\)](#) - Do you have a surplus of toilet paper? Keep your kids busy with these toilet paper STEAM activities.

[Fairy Tale STEM - Jack and the Parachute \(Grades 3-5\)](#) - STEAM and Fairy Tales?! This is a building and engineering project is based on Jack and the Beanstalk.