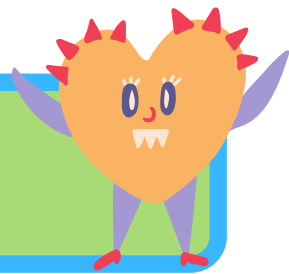


STEAM newsletter

July 22, 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

What is a physicist's favorite food? Fission chips.

SCIENCE

[How to Make a Cloud in a Jar \(Ages 5 - 10\)](#) Try these two methods for making a cloud in a jar using the science of water vapour.

[Overnight Crystal Garden \(Ages 9 - 12\)](#) A science experiment favourite...grow your very own crystal garden overnight.

TECHNOLOGY

[Geocaching for Kids \(Ages 9 - 13\)](#) Get real-life treasure hunting with your smart phone! You might get some new swag in the process.

[Make a "Real Life" Video Game \(Ages 11 - 15\)](#) No coding or screens required! Get your bodies moving making a real-life video game.



ENGINEERING

[Twenty Ways to Build a Rocket \(Ages 7 – 12\)](#) Twenty fun-filled awesome rocket experiments and rocket crafts?! YES PLEASE!

[12 Brilliant DIY Engineering Projects for Kids \(Ages 7 – 13\)](#) Is there someone at your house who loves tinkering and building? Try these out to learn the how's and why's of how things work.

ART

[How to Do Sharpie Tie Dye \(Ages 6 – 10\)](#) Sharpie Tie Dye isn't just for making things beautiful! Follow this colour mixing science experiment to learn something while you create!

[Chromatography for Kids \(Ages 10 – 13\)](#) Chromatography is the best. In this art project prove that black isn't always black...see other colours separate from black.



MATH

[21 Math Art Projects For Kids \(Ages 7 – 11\)](#) Combine your right brain with your left brain by doing these awesome math PLUS art projects.

[5 Geometry Projects for Middle and High School \(Ages 12+\)](#) Check out these five projects to approach geometry with creativity and fun!

& MORE

[Take Tech Outside: Best Free Outdoor Apps for Families \(All Ages\)](#) Take technology outdoors with these best FREE and FUN outdoor apps.

[Op Art Hearts \(Ages 7 – 12\)](#) Learn the foundations of art and the magic of illusion with these Op Art Hearts.