

STEAM newsletter

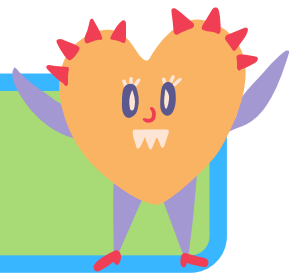
June 17, 2020

**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

When do bakers share their recipes? On a kneed to dough basis.



SCIENCE

[Think Earth at Home \(Grades K - 3\)](#)

[Think Earth at Home \(Grades 4 - 5\)](#)

Check out these awesome environment themed activities, videos, lesson plans and more by *Think Earth*. Learn how to conserve natural resources, reduce waste, and minimize pollution while learning about the earth.

TECHNOLOGY

[Create a Music Video To Learn the Parts of the Body](#)

(Grades PreK) – Take “Head, Shoulders, Knees and Toes” to a whole new level by mastering the song and then turning it into a music video!

[How Did Pirates Navigate? \(Grades 4-7\)](#) – Ever wonder how pirates navigated the seas searching for their latest plunder?! Here’s your chance to find out.



ENGINEERING

[Balancing Pencil Challenge \(Grades 2-7\)](#) – Here's the challenge: can you balance a pencil on its tip using only two washers and a length of wire?

[Balloon Hovercraft \(Grades 5-8\)](#) – Explore Newton's 3rd law ("for every action there is an equal and opposite reaction") in this activity and build your own hovercraft.

ART



[Easy Breezy Windy Art \(Grades PreK\)](#) – We've got plenty of wind in the Okanagan! Exploring the effects of wind with this art project.

[Egg Painting with Vinegar \(Grades 2-7\)](#) – Painting with vinegar? Who would think?! Grab your hard-boiled eggs and get painting!

MATH

[Finger Print Apple Tree \(Grades Pre-K\)](#) – Design your own apple tree with mathematics! Fun and educational!

[Origami Friendship Math Quilts \(Grades 5-8\)](#) – You up for a folding challenge? Get folding to make one of these beautiful origami quilts.

& MORE

[Mystery Bag Design Challenge \(Grades 4-8\)](#) – Fill a bag full of random stuff, give it to your kids, and then complete these design challenges. Endless possibilities!

[Design a Paper Plate Marble Maze \(Grades K-4\)](#) – Do you like pinball machines? Create your own using a paper plate and a marble!