

# STEAM newsletter

April 15th, 2020

***Looking for something fun and educational to do at home?***

**Science, Technology, Engineering, Arts, Math**

Just click the links for activities, programs, and other fun!

For more ORL STEAM content visit: [www.orl.bc.ca/steam](http://www.orl.bc.ca/steam)

## SCIENCE

**Habitats (Grades 3-6)** - Play this game based on animal habitats to explore the desert, coral reef, jungle, and marsh to discover where many animals live by matching each animal to their correct habitat!

**Weather Vane and Compass (Grades 5-10)** - The weather is a great scientific topic to study with young kids, because the results are so tangible and relevant to their lives. This science project will teach you how to make a weather vane.

## TECHNOLOGY

**Backyard Coding Game (Grades Pre-2)** - Play this game using If-Then statements to get your bodies moving and learn simple programming logic.

**Ozaria (Grades 4-12)** - Ozaria is a computer science program, an adventure game, and a fantasy story where students master the lost magic of coding to save their world.



## ENGINEERING

[How to Make a Kaleidoscope \(Grades 1-4\)](#) - Learn how to make a kaleidoscope in this fun STEM/science activity and craft for kids. It's such a fun way to explore light, reflections, and symmetry!

[Rube Goldberg Machine \(Grades 3-10\)](#) - Building a Rube Goldberg machine is a great way to inspire kids to explore rather complex engineering concepts in a fun and entertaining manner.

## ART



[Noodle Loaf \(Grades Pre-4\)](#) - This podcast with a music education specialist will get kids of all ages singing, rhyming, moving, and engaging in all kinds of musical games.

[DIY Flower Crown \(Grades 5-12\)](#) - Learn the basics of flower crown making just in time for spring!

## MATH

[Post-It Match \(Grades Pre-K\)](#) - Ready to get moving with math? Try this Post-It Number Match Activity! Math doesn't need to be still. Math doesn't need to be a worksheet. Math doesn't need to be "boring".

[Symmetry Art With SumoPaint \(All Ages\)](#) - Use the symmetry tool on SumoPaint to spark a lot of creativity and fun.

## & MORE

[The Past & the Curious \(Grades 4-8\)](#) - This amusing podcast features people telling interesting, little-known stories from history with an emphasis on fun and humor.

[Book Club for Kids \(Grades 5-10\)](#) - This excellent biweekly podcast features middle schoolers talking about a popular middle-grade or YA book as well as sharing their favorite book recommendations.