

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

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.