

# STEAM newsletter

*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

**Shutterbugs: Wiggle and Stomp (Grades K-1)** - Shutterbugs teaches students how to describe movement and motion while visiting rare animals at the Smithsonian National Zoological Park. Each animal has coloring-page printouts, so you can print and color your favorite critter.

**BumperDucks (Grades 6-8)** - BumperDucks is an educational physical science game that will help teach players about what happens when two objects collide and how mass impacts the acceleration of an object.

## TECHNOLOGY

**Nature Photo Scavenger Hunt (Grades K-3)** - Working on photography skills while out on a nature walk?! Yes please! Print off this checklist and take it with you on your next outdoor adventure. Can you find them all and take a photo?

**CodeCombat (Grades 3-12)** - CodeCombat is a game-based computer science program where students type real code and see their characters react in real time.



# ENGINEERING

[STEM Team Building Activity - Cup Stacking \(Grades K-5\)](#) - How's your cup stacking game? This challenge has different levels for Grades K-5. Get stacking!

[Extending Grabber \(Grades 5-8\)](#) - Ever wanted to have a device that can extend your arm to grab those things just beyond your reach (like the "hidden" snacks in the top cupboard)? Now is your chance to make one with this simple design using craft sticks. How strong can you make yours?

# ART

[Saturday Morning Cereal Bowl \(All Ages\)](#) - Kids' music can be ... well, annoying. But "kindie rock" (aka, indie rock for kids) is here to help. This two-hour podcast styled like a DJ radio show featuring new and old songs that kids will love, many by parents' favorite musicians.

[Bad Art Night \(Grades 5-12\)](#) - Get together and compete to see who can create the worst piece of art. Gather some arts and craft supplies, put on some fun music, and have a "no pressure" night of creativity.

# MATH

[Funbrain's MathZone \(All Ages\)](#) - April is Math Awareness month! In Funbrain's MathZone you'll find simple, fun, and educational games that incorporate counting, operations, measurements, and more.

[Fibonacci Sequence Poetry \(Grades 7-12\)](#) - April is also Poetry Month! Follow this tutorial to create a simple poem using a mathematical sequence.

# & MORE

[Story Time \(Birth-6yrs\)](#) - These 10- to 15-minute stories are a perfect way to lull your little one to sleep. The podcast is updated every other week, and each episode contains a kid-friendly story, read by a soothing narrator. Short and sweet, it's as comforting as listening to your favorite picture book read aloud.

[But Why: A Podcast for Curious Kids \(All Ages\)](#) - This biweekly podcast takes on answering kid-submitted questions such as "Why is the sky blue?" and "Who invented words?".