

# STEAM newsletter

May 13, 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](http://www.orl.bc.ca/steam)

## SCIENCE

**[Bird Scavenger Hunt \(Grades K-2\)](#)** - Check out this bird-themed scavenger hunt! Take a walk outside and see if you can find bird shelters, predators, food, and more.

**[Bird Bone Experiment \(Grades 1-9\)](#)** – Did you know that some animals, like birds, have hollow bones? Build a structure using hollow "bones" to test out their strength how much weight they can hold.

## TECHNOLOGY

**[Hopster Coding Safari \(Grades PreK-5\)](#)** – This iOS app features a drag-and-drop coding game that will amp up your coding logic skills. It is user friendly and super fun!

**[Me - A Kid's Diary \(Grades 5-8\)](#)** – This iOS app provides instructions for multimedia journaling including drawings, self-portraits, gifs, photos, and sound recordings.



# ENGINEERING

[Water Engineering Crossword Puzzle \(Grades 4-6\)](#) – Are you a water expert? Then you'll ace this H2O themed crossword puzzle.

[Build a Stethoscope \(Grades PreK-1\)](#) - A stethoscope is a medical instrument used by doctors and nurses to listen to the action of your heart or your breathing. Learn how to make your own!

# ART



[Nature Art \(Grades PreK-2\)](#) – Use natural materials, such as pinecones, twigs, leaves, and more materials to create a unique piece of art.

[Toilet Paper Roll Binoculars \(Grades PreK-3\)](#) – Upcycle some common household materials, including toilet paper rolls, to make a pair of functional binoculars.

# MATH

[Arithmagic \(Grades 1-9\)](#) - In this app, use math to help a wizard cast math spells to defeat enemies.

[Folding a Paper in 3rds \(Grades 5+\)](#) - In this video tutorial, you'll see how to fold any sheet of paper into thirds, using only a straightedge- no measurement required. We'll also go into the math of how it works!

# & MORE

[Drops \(Grades 3-8\)](#) – Using universal navigation design, this app and website helps kids to learn over 30 languages through audio/visual cues and mini-games.

[Career Girls \(Grades 4-8\)](#) – Hear the experiences of women professionals from around the world to help girls explore career opportunities. Bonus content includes quizzes and resources for parents and teachers.