

# STEAM newsletter

May 6th, 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

[\*\*A Magnifying Discovery \(Grades 2-5\)\*\*](#) - Why do things look bigger in a magnifying lens? In this activity you'll learn how this tool works to change the size of an object when viewing it at different distances.

[\*\*Bones and Calcium \(Grades 5-9\)\*\*](#) - In this activity you'll explore the properties of animal bones and other hard parts to compare their similarities to calcium that is usually found in bones.

## TECHNOLOGY

[\*\*Secret Message Coding Bracelets \(Grades 5-9\)\*\*](#) - In this activity, learn how to use binary codes to create secret messages and make an awesome bracelet!

[\*\*Build a Minecraft Chess Board \(Grades 2-5\)\*\*](#) - Looking for something to do in Minecraft? Use the building blocks in Minecraft to make a virtual chess board.




## ENGINEERING

[Zip Line Engineering Challenge \(Grades 5-9\)](#) – Design and build a zip line that can carry a doll from one point to another, using gravity to create the motion needed for the trip.

[Build Your Own Monster \(Grades K-4\)](#) – Have you ever wanted to build your own monster? This activity will teach you how to build a small monster that can stand on its own.

## ART



[Mystery Grid Art Challenge \(Grades K-3\)](#) - Create your own “puzzle” then challenge your friend to put it together in the right order to make the original picture.

[Calder-Inspired Sculptures \(Grades 4-9\)](#) - In this activity you can make a simple paper sculpture project inspired by artist Andrew Calder's large-scale metal sculptures.

## MATH

[Pick a Card, Any Card \(Grades 4-9\)](#) – In this activity, you will discover how math can help you win a game of "Go fish!" Complete this activity to learn the winning strategy.

[M&Ms Geometry \(Grades 2-5\)](#) – When an adult exclaims “How much candy did you eat?!?” learn how to impress them by telling them exactly how much down to the cubic centimeter.

## & MORE

[Funbrain \(Grades K-8\)](#) - Check out more than 100 fun, interactive games that develop skills in math, reading, and literacy plus popular books and comics.

[National Geographic Kids \(Grades K-9\)](#) - Keep entertained with over 100 fun, engaging, and interactive science, action, adventure, geography, quiz, and puzzle games.