



Issue #14

## Harmony Technology Camp Info

Oct. 23, 2020



**Find links to the websites and activities  
in this newsletter at**

**[harmonytechcamp.org/newsletter](http://harmonytechcamp.org/newsletter)**

### [TryEngineering.org:](http://tryengineering.org)

Play games and look at what it takes to become an engineer

<https://tryengineering.org/students/games/>



### [Discovering Engineering:](http://www.discovere.org)

View national engineering programs and a variety of activities.

<http://www.discovere.org/>

### [The Concord Consortium:](http://concord.org)

Check out resources for science, math, and engineering education.

<http://concord.org/stem-resources>



### [Design Squad Global:](http://pbskids.org)

View videos and hands-on science, and engineering activities

<http://pbskids.org/designsquad>

### [EngineerGirl](https://www.engineergirl.org)

Bringing national attention to engineering opportunities for girls and women, including competitions, clubs, and scholarships

<https://www.engineergirl.org>





# Expanding Your Horizons

Explore more science and math and Camps similar to ours:

## Science Discovery, University of Colorado

Offers a wide variety of classes for ages 5-18. Math, science, and technology taught with fun hands-on activities by knowledgeable and experienced teachers. New classes are offered each summer.

<http://sciencediscovery.colorado.edu/program/summer-classes/>

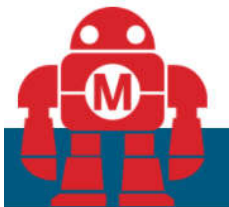


## Fort Collins Creator Hub and Loveland Creator Space

Provides people with tools and equipment they might not have access to at home. There are classes and events open to both members and non-members, see websites for information and availability.

<http://www.fortcollinscreatorhub.org/>

<http://www.lovelandcreatorspace.com>



## Maker Faires

All-ages gatherings of tech enthusiasts, crafters, educators, tinkerers, hobbyists, engineers, and students.

<http://denver.makerfaire.com/>

## Pretty Brainy

Gives girls ages 10 to 18 and their mentors opportunities in STEAM (STEM+Art) to empower the next generation of great minds.

<https://prettybrainy.com>





# Expanding Your Horizons

## Expanding Your Horizons Network

A nationwide network of STEM conferences that are a gateway to empower girls to see themselves as future participants in STEM-related careers. (NoCo 2020 EYH was cancelled, stay tuned for 2021 details)

<http://www.eyhn.org>

<http://nocoeyh.wixsite.com/home>



## Little Shop of Physics with Colorado State University

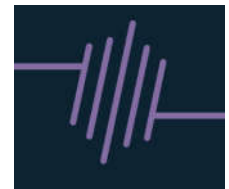
A group of science educators and students who travel the region with a Van full of hands-on experiments. They don't SHOW students science, they help them DO science.

<http://www.lsop.colostate.edu>

## Girls Go CyberStart

A fun and interactive series of challenges to explore exciting topics in growing areas like cryptography and digital forensics.

<https://girlsgocyberstart.com/>



## GESTEM : Girls Exploring Science, Technology, Engineering and Math

Female students in 7th grade who are interested in science, engineering and technology can participate in this FREE event. More information on the website (2020 conference cancelled, stay tuned for 2021)

<http://www.swe-rms.org/gestem.html>

## Girl Scouts, USA

One of the four foundation areas of the Girl Scout Leadership is STEM (science, technology, engineering, and math) .

<http://www.girlscouts.org/en/our-program/our-program.html>





# Expanding Your Horizons

Check out these math websites, craft projects, and more!

## Math sites:

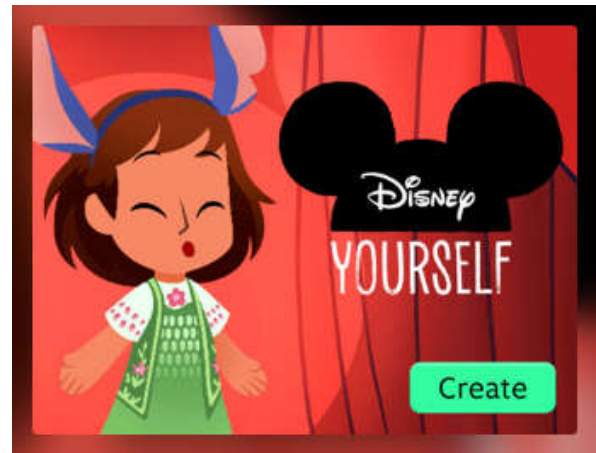
[www.coolmath-games.com](http://www.coolmath-games.com)

[www.aplasmath.com](http://www.aplasmath.com)

[www.funbrain.com/math-zone](http://www.funbrain.com/math-zone)



<https://lol.disney.com/create>

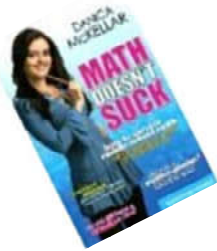


[www.gamequarium.com](http://www.gamequarium.com)

[www.mathplayground.com](http://www.mathplayground.com)

[www.aaamath.com](http://www.aaamath.com)

Take time out to read these great math books by Danica McKellar.



*Math Doesn't Suck: How to Survive Middle School Math Without Losing Your Mind or Breaking a Nail*  
*Kiss My Math: Showing Pre-Algebra Who's Boss*  
*Hot X: Algebra Exposed!*  
*Girls Get Curves: Geometry Takes Shape*



## Engineering Is a Versatile Career

There is perhaps no other career that spans so many areas—health, agriculture, entertainment, business, and more. Check out the many and varied ways the work of engineers is making a difference in all our lives.