

CyberLearning Extension Choice Board

Consider these options if you need some edu-tainment. If you come to my daily Zoom Office Hours and discuss one or more of them with me, it will impact your grade in BRAINSTEM in a positive direction.

Pi Day Escape Room

Play the Pi Day escape room at tinyurl.com/breakout322 and see if you can escape the room in under one hour.



STEM Connections in the World

- [The Kid Should See This](#)
- [Gapminder](#)
- [FiveThirtyEight](#)
- Some fun **YouTubers**:
 - [It's Okay to be Smart](#)
 - [Eons](#)
 - [Physics Girl](#)
 - [Gross Science](#)
 - [The Brain Scoop](#)
 - [SciShow](#)
 - [Lab360](#)
 - [The Backyard Scientist](#)
 - [Periodic Videos](#)
 - [Crazy Russian Hacker](#)
 - [Mark Rober](#) tries stuff
 - [Smarter Every Day](#)
 - [Veritasium](#)

Desmos Global Art Challenge

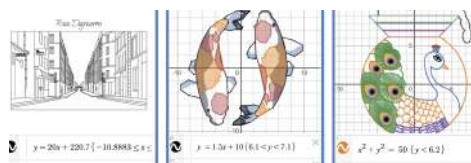
Play and create graphical art on <https://www.desmos.com/>.

Get inspiration by exploring: <https://www.desmos.com/art>

Get started with this video:

tinyurl.com/desartintro

Contest Deadline extended to April 30th. Information [here](#)



More Biomimicry Investigations

- Free online course: tinyurl.com/biomimclass
- Get outside with nature's antimicrobials: tinyurl.com/biomimhealth
- Do some nature journaling: tinyurl.com/biomimjournal



Learn to Code

- [Code.org](#)
 - [Hour of Code](#)
 - [Other Courses](#) (app, game, & web design)
- [Scratch](#)



Explore Math and Creativity

- [Math with bad Drawings](#)
- [Cutout Foldup](#)
- [Thingiverse](#)
- [Vi Hart](#)-Doodling & more
- [George Hart](#)-Geometry
- [Brusspup](#)-Illusions
- [Modular Origami](#)
- Learn to make an **origami icosahedron** from tinyurl.com/sonobeico



Math and Logic Puzzles

- [Solveme Puzzles](#)
- [Zukei Puzzles](#)
- [Hashi Puzzle](#)
- [Ken Ken Puzzle](#)
- [Daily Set Puzzle](#)
- [Sugar Sugar](#)
- [2048](#)



Level Up Your Mad Typing Skillz

- Make yourself a [cardboard keyboard cover](#)
- Log in to practice (practice, practice, practice!!) at brainstem.typingclub.com, using your username (without the @ part) and typing as your password
- Do some competitive racing at [Nitro Type](#)
- [Test yourself](#), and join me on Zoom Office Hours if you want to show me and have me rescore your typing speed



Garden Thinking:

Both @ Home &
2 Plan 4 School

- Vote on what Ms. Carter should **plant** in the garden before we return (tinyurl.com/gardenvote20)
- Make your own [2-liter hydroponic garden at home](#)

- Research and share some recipes that we could make with the types of ingredients that [can grow in Chicago in the Spring](#)

Individual Activities

- Make your own [rock candy](#)
- Make [butter in a jar](#)
- Investigate [methods for baked potatoes](#)
- Make [multi-colored lemonade](#)
- Make a [sugar rainbow](#) (a twist on above!)
- Design a [solar oven to make s'mores](#)
- Compare the [buoyancy of oranges](#)
- Bake some [bread](#)
- Make a [sourdough starter](#)
- Create [edible glass](#)
- Make [stained glass sugar](#) (a twist on above!)
- Make [fizzing lemonade](#)
- Experiment with [different cakes](#)
- Make some [raisins in the sun](#)
- Make a [working bridge out of candy](#)
- Design an [edible Mars rover](#)
- Explore the [science of popcorn](#)
- Find the [speed of light with marshmallows](#)
- Make [ice cream in a plastic bag](#)
- Learn how to [separate egg yolks and whites](#)
- Get [electric with cornstarch](#)
- Make [growing and shrinking eggs](#)
- Do some [candy chromatography](#)
- Compare the [densities of different sodas](#)

Collections of Activities

- Exploratorium's [Science Snacks](#)
- 12 experiments [with just 8 ingredients](#)
- Learn some [tricks with salt](#)
- Discover nine [scientific cooking techniques](#)
- Investigate [chemical changes](#)
- 10 experiments [with Jello](#)
- Three [food experiments](#)



Kitchen and Food Science



Have you found other cool sciency things to do while you've been out? Let me know so I can add them to this list!

Find my daily (M-F) Zoom Office Hour links at carterodactyl.com.

