

Summer Camp: BioTech in Action

A unique one-week STEM camp in spring where kids learn and compete or cooperate to understand animals and systems on a farm.

Spring Camp: BioTech in Action

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Workshop: BioTech Basics

This workshop looks at the way simple machines interact with materials in the natural world. Applied STEM and engineering.

The Waste Water Cycle at

Mezzacello

This is a blog post about the water cycle at Mezzacello. The many ways I collect, purify and reuse water on my urban farm.

Summer Camp Video Series

These are an evolving library of my favorite YouTube Videos to use. All of this content is available on YouTube for free.

USDA Zones vs EcoRegions

The USDA Hardiness zones are broad approximations of climate and weather reality. The truth is more complex.

Design Challenge: Birds vs Mammals vs Insects vs Bacteria

In this design challenge we will look at four unique life forms on an urban farm.

Design Challenge: Interview for Your Future Job

In this design challenge we will play a word association game to create a road map for a future career.

Design Challenge: Build a Gate

in this design challenge: build a gate we discovery all the design constraints for proper fences and gates to keep animals safe.

Activity: Understanding Emotions, Fear and Confidence

In this activity we will discuss fear, failure, and confidence and create a fable.