

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.

Lesson: Molecular Machines in Nature

In this lesson we will be discussing how nature knows how to use the six simple machines to make atoms and molecules work.

BioChemistry Lesson Plans

Welcome to the BioChemistry Lesson Plans page for Mezzacello Urban Farms Summer Camp.

BioRenewables Lesson Plans

Welcome to the launch page for the BioRenewables Summer Camp at Mezzacello.

BioRenewables Lesson Plans

BioEngineering Camp 2023 five day lesson plans with lesson, activity, challenge and presentation data. For teacher use at Mezzacello

Activity: Understanding Emotions, Fear and Confidence

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

Lesson: Using a Rabbit Sling

In this lesson we learn about animal physiology and psychology and how to properly care for a rabbit when trimming its nails.

Lesson: Treat On Site

This lesson covers the ins and outs of caring for animals, plants, gardens, and insects on an urban farm. Vet tech insights and details.

Lesson: Pressure and Water

In this lesson we explore why water is so special in that it is magnetic and when you constrict it gets stronger. This is sanitary.

Lesson: Understanding pH

In this lesson we explore the pH scale to understand the basic chemistry of life in terms of acids and bases. Water is neutral.