



Class Title: Blue Candy Science

Teacher Name: Samantha Procopio

Class Day: Friday

Class Size: 18

Class Supply Fee: \$40

Class Fee: \$96

Ages or color group served: Blue

What level is this class: Level 1

Prerequisites: Ability to follow directions, participate in group discussions, and handle hands-on materials safely and responsibly.

Graduation Requirements: To complete the course, students should attend class regularly, participate in weekly experiments, and share a short explanation of their favorite experiment during the final week's Candy Science Fair.

Homework Requirements: This class is primarily hands-on and in-person, with little to no homework.

Class Description:

Get ready for a sweet adventure into the world of science! In this hands-on class students will explore chemistry, physics, biology, and engineering through fun and edible experiments using popular candies. From dissolving Skittles to launching gummy bears and growing rock candy crystals, students will learn to ask questions, make predictions, and discover scientific concepts through observation and play. With minimal at-home requirements and an exciting final science fair presentation, this class is perfect for curious kids who love to explore how things work—especially if it involves candy!

Week 1:

What Is Candy Science?

Experiment: Dissolving Candy

Concepts: Scientific Method, Observation, Hypotheses



HOMESCHOOL
COLLABORATORS
UNITED
CO-OP & HYBRID ACADEMY !

Week 2:

Bubble Gum & States of Matter

Experiment: Blowing Bubbles

Concepts: Solids, Liquids, Gases

Week 3:

Rainbow Water with Skittles

Experiment: Candy Coating & Water

Concepts: Density, Color Separation

Week 4:

Sour Candy & Acids/Bases

Experiment: Sour Reactions

Concepts: pH, Chemical Reactions

Week 5:

Candy Chromatography

Experiment: Separating Candy Colors

Concepts: Solubility, Color Mixing

Week 6:

Marshmallow Towers

Experiment: Build a Structure

Concepts: Engineering, Stability

Week 7:

Rock Cycle with Starburst

Experiment: Squish, Stack, and Melt

Concepts: Sedimentary, Metamorphic, Igneous Rocks

Week 8:



Launching Gummy Bears
Experiment: Mini Catapults
Concepts: Newton's Laws, Motion & Force

Week 9:
Sink or Float – Candy Bar Challenge
Experiment: Buoyancy Test
Concepts: Density, Floating

Week 10:
Pop Rocks + Soda
Experiment: Gas Expansion
Concepts: Chemical Reactions, Gas Pressure

Week 11:
Grow Your Own Rock Candy
Experiment: Edible Crystals
Concepts: Crystallization, Saturation

Week 12:
Candy Science Fair & Celebration
Students present their favorite experiment and enjoy a candy-themed celebration!