



**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



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**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:**



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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!