



**Class Title:** Green MSB STEM Science

**Teacher Name:** Marie Jones

**Class Day:** Monday

**Class Size:** 10

**Class Supply Fee:** \$97

**Class Fee:** \$96

**Ages or color group served:** Green

**What level is this class:** Level 1

**Prerequisites:** Students must be able to use scissors, glue, and be able to hold writing utensils.

**Graduation Requirements:** HCU attendance policy.

**Homework Requirements:** Complete worksheet assigned in class.

**Class Description:**

Description

Hop on board, young scientists—because Ms. Frizzle (that’s me!) is ready to take you on the wildest, wackiest, most wonderful learning adventure ever! In this hands-on, curiosity-powered class, we’ll shrink, soar, dive, and dig our way through 12 exciting STEM journeys—just like the Magic School Bus crew!

Each week, we’ll explore the mysteries of space, oceans, weather, bugs, dinosaurs, the human body, and so much more. With bubbling experiments, awesome art projects, and mind-blowing discoveries, your little learners will become brave explorers, creative thinkers, and confident young scientists.

So grab your lab coats (or glittery capes), pack your imaginations, and remember my class motto:

“Take chances, make mistakes, and get messy!”



**Week 1:**

Introduction to Science with Ms. Frizzle

Topic: What is Science?

Activity: Create science journals & decorate lab coats

STEM Focus: Observation & Curiosity

**Week 2:**

Blast Off! Exploring Space

Topic: Solar System

Activity: Make a model of the solar system

STEM Focus: Planets & Orbits

**Week 3:**

Dive Deep – The Ocean Zone

Topic: Ocean Layers & Animals

Activity: Ocean in a bottle

STEM Focus: Buoyancy & Pressure

**Week 4:**

Bug Out! All About Insects

Topic: Insect Anatomy & Life Cycle

Activity: Build a bug

STEM Focus: Classification & Observation

**Week 5:**

Slippery Science – States of Matter

Topic: Solids, Liquids, Gases

Activity: Make oobleck or ice melt race

STEM Focus: Properties of Matter

**Week 6:**

Weather Watchers

Topic: Clouds, Rain, and the Water Cycle

Activity: Make a rain cloud in a jar

STEM Focus: Water Cycle

**Week 7:**

Body Basics – The Senses

Topic: 5 Senses

Activity: Sensory stations

STEM Focus: Observation & Biology

**Week 8:**

Germes & the Body

Topic: Immune System & Hygiene

Activity: Glitter germs activity

STEM Focus: Microbiology

**Week 9:**

Plant Power

Topic: Plant Parts & Photosynthesis

Activity: Plant seeds in a clear cup, label plant parts

STEM Focus: Life Cycle of Plants

**Week 10:**

Zap! Let's Learn About Electricity

Topic: Electricity & Circuits

Activity: Build a simple circuit using batteries, wires, and mini light bulbs (or LED diodes)

STEM Focus: Electrical Energy & How Circuits Work

**Week 11:**

Dino Discovery



Topic: Dinosaurs & Fossils

Activity: Make a fossil

STEM Focus: Paleontology

**Week 12:**

Engineering Challenge

Topic: Build a Bridge or Roller Coaster

Activity: Group STEM challenge with straws, cups, blocks

STEM Focus: Engineering & Design Process