



NUTS ABOUT SCIENCE

AFTER SCHOOL SCIENCE!!

THE WONDERS OF SCIENCE!! In this session students explore the wonders of the world of Science! We discuss forces, make rockets, play with tornadoes in a bottle, and create our very own science pets!! Students also learn a few magic tricks and become CSI detectives!!!

Who: Students in grades 1st-4th

When: WEDNESDAYS, 3:45-5:00 pm: 11/28, 12/05, 12/12, 12/19, 01/09, 01/16, 01/23

Where: Silver Springs Elementary Art Room

Tuition: \$133 per student; \$112 for student with parent helper, parent helpers must attend all 7 weeks. All materials are included. (A portion of tuition goes to Silver Springs PTA)

Registration Steps:

1. Visit our website at: www.nutsaboutscience.com
2. Click on After School Registration
3. Click on Northville Schools
4. Click on Silver Springs Elementary
5. Follow the registration and payment steps.

* Registration opens OCTOBER 29TH and closes NOVEMBER 13TH!

CLASSES:

- Science Magic
- Science Pets
- All About Air
- Forces & Motion
- Wild Weather & Pink Snow
- CSI for Kids
- Rocket Power!

*A full description of each class is on the next page.

Class Information: Students should go directly to the **Art Room** after school.

Snack: Please provide your child with a snack to enjoy at the beginning of the class.

Absences: Email us if your child will be absent. Materials from a missed class will be given to a student the following week. Sorry, no refunds.

Pick up Policy: Students must be picked up at 5:00 pm from the **Front Door**. *There is a \$10 late fee if a student is picked up after 5:15 pm.* Students who attend Kids Club will be escorted there.

QUESTIONS? Email Stacy Krautner at hskrautner@att.net

Student Medical Conditions: Email Jennifer Price at jenniferp@nutsaboutscience.com to share any pertinent medical information.



THE WONDERS OF SCIENCE

Science Magic: There's science behind magic tricks! We'll perform magic tricks while learning the scientific properties behind them. We'll use Magic Sand, create a hidden message in golden rod paper, and learn how to play a trick on someone with Water Gel Powder. You'll amaze your friends with this one!!

Forces and Motion: May the force be with you! We begin this class with the amazing Egg Drop! Then, students learn about forces, gravity, motion, speed and inertia by playing with a Reaction Rocket and a Newton's Yoyo.

Wild Weather and Pink Snow: Together we will learn all about wild and wacky weather. Can you believe, Snowflakes as big as dinner plates? Turtles frozen in hail stones? Fish falling from the sky? Pink snow? Sometimes weather is just plain wild! We will actually make our own version of pink snow, learn about the power of a whirling dust storm, and make our own tornado in a bottle. Finally, we will experiment with static electricity and discover how to create our own electricity with a balloon. Weather forecast... Wacky and Wild!

Science Pets Join us for this fun science class as we use science to make cool pets that you can take home. Squidy is the coolest of cool, a glow in the dark squid you can call your own. From a scientific point of view, Squidy is actually a Cartesian diver who helps explain the science behind density and buoyancy, but any way you look at him, he is really cool. Then, we make a bowl full of worms. Polymer worms that is! Don't worry, these science pets don't eat...much!

CSI for Kids: In this CSI like class we will explore Forensic Science. Students will solve a crime by investigating clues such as fingerprints, hair, ransom notes, and evidence left at the crime scene. We dust for fingerprints, perform paper chromatography and with the help of clues left at the crime scene solve the case and become detectives!!

All About Air: Students will learn the fundamental properties of air: it occupies space, has weight, and exerts pressure by watching the Egg-in-a-Bottle trick. Next, they'll learn how to inflate an 8-foot-long Windbag with just one breath of air. Nothing short of amazing! Saving the best for last, students will build and race a balloon powered car. Ready, set, blow!

Rocket Power! There's nothing like a little rocket science to add some excitement to the day. We'll create a film canister rocket in this class in order to learn and demonstrate Newton's Third Law of motion. Then we will make our rockets BLAST OFF!