

# It's Time For the Cool Science Club!

Do you like to understand how things REALLY work? Do you like to spend time using your HANDS to explore and experiment? Well, get ready for science fun after school!



The Cool Science Club is a partnership of the schools, parents and community to provide **fun, hands-on, experiment-driven projects** in science, technology, engineering and mathematics (STEM) that offer kids an opportunity to dig deeper into their world and enrich the way they look at it.

A Club Scientist will lead the five-session exploration of a single topic for 10 students in a grade-grouping and will be assisted by a Young Scientist (from grades 8-12).

**Club registration is first-come, first-served.**

**Grades 1+2 Discovery Science!** Our own “Mr. Wizard” will lead the students on an exploration of a wide variety of science topics through fun, hands-on experiments.

**Grades 1+2 NEW! The Science of Energy.** We will have fun designing a house that uses less energy. The students will be involved in experiments that measure energy use and conservation. This hands-on approach to energy understanding and conservation is lots of fun and educational, too.

**Grades 1+2 NEW! Explore Stars & Planets in the STARLAB!** View the constellations of stars, the planets, and phases of the moon in our very own mock-up of the universe – the STARLAB planetarium! Scientists will explore why stars twinkle, why the moon looks different each night, and much more.

**Grades 3+4+5+6 NEW! The Art of Science.** Learn how to sketch and improve your journaling skills while enjoying the outdoors and creating several lab investigations. This session will draw on your observational skills and drawing ability while you discover more about the everyday science around you.

**Grades 3+4+5+6 NEW! Build a Better Mouse Trap.** This session will challenge you to make a better mouse trap through engineering, design and the use of simple machines. Use your imagination and science concepts as you meet in the technology room to have some fun creating your own design.

**Grades 3+4+5 NEW! Math Magic.** The teacher of McCall’s math team will engage students in math games, puzzles, and brain teasers!

**Grades 3+4+5 Blood ‘n Guts.** Learn about how your body works through fun and exciting hands-on activities. Experiments may include basic dissection, teeth casting, skin prints, chemical reactions of the liver and a stress test.

- Five-week session held on **Wednesdays**, beginning on **Wednesday, October 14, 2009**: 10/14, 10/21 (early release), 10/28, 11/4, 11/18
- 3:30 – 5:00 pm at the McCall Middle School. 10-11 children per Club grade grouping.
- \$95 fee for five-week session. Scholarships are available. Registration is on a first-come, first-served basis.
- For more info, contact Lanie Higgins, Cool Science Club Director and Middle School Science Coordinator, at 781-729-7157, Lhiggins@winchester.k12.ma.us

Student Name \_\_\_\_\_ Grade \_\_\_\_\_

School \_\_\_\_\_

Check your child's preferred grade-appropriate club.

**Please use 1 and 2 to indicate first and second choice, if applicable:**

- |  |  |
|--|--|
| <input type="checkbox"/> Grade 1+2 Discovery Science | <input type="checkbox"/> Grade 3+4+5+6 Art of Science            |
| <input type="checkbox"/> Grade 1+2 Science of Energy | <input type="checkbox"/> Grade 3+4+5+6 Build a Better Mouse Trap |
| <input type="checkbox"/> Grade 1+2 STARLAB           | <input type="checkbox"/> Grade 3+4+5 Math Magic                  |
|  | <input type="checkbox"/> Grade 3+4+5 Blood 'n Guts               |

I have enclosed a check for \$95 payable to the Winchester Public Schools. I understand that registration is on a first-come, first-served basis. Please mail form/payment to Lanie Higgins, McCall Middle School, 458 Main St., Winchester, MA 01890

**I am also interested in;**

- being a Club Scientist for a future session.
- being the parent-volunteer Club Manager for my child's Club this session.

My topic is \_\_\_\_\_

Parent Name \_\_\_\_\_

Signature \_\_\_\_\_

Address \_\_\_\_\_

Email \_\_\_\_\_ Phone \_\_\_\_\_

**ON THE BACK OF THIS FORM**, please list important information about your child's medical history and behavioral concerns, including allergies. Also, does your child require any special needs care during the school year (i.e. an aide)? \_\_\_\_\_