



FOR YOUTH DEVELOPMENT®  
FOR HEALTHY LIVING  
FOR SOCIAL RESPONSIBILITY

# LEARNING SCIENCE IS FUN

Youth Science Program  
NORTHWEST YMCA

**To register:**

Register at the front desk or at [nwymca.org](http://nwymca.org). If registering online, complete the science registration form and fax to 408 257 6948 or email [sleong@ymcasv.org](mailto:sleong@ymcasv.org)

**For questions, contact:**

Scott Leong  
PE, Sports & KLAS Director  
408 351 2419  
[sleong@ymcasv.org](mailto:sleong@ymcasv.org)

**NORTHWEST YMCA**

20803 Alves Drive  
Cupertino CA 95014  
P 408 257 7160  
F 408 257 6948  
[nwymca.org](http://nwymca.org)



In **Youth Science Programs** at the Y, children gain confidence as they explore interests and passions with a twist of fun. Your child will discover the exciting world of science without even realizing that it's a learning experience. Register your child today.

**WACKY INVENTOR'S LAB** Grades K-3

**Time:** 9:30-12:30 pm

**Dates:** Saturdays, November 5-December 17 (6 weeks)

**Fee:** Facility Member \$125 Program Member \$150

Your creative child will begin with open-ended invention play that includes safe yet fun materials and mixed media. Next we'll explore invention stations and work in groups to build a project. We'll conduct high-tech science investigations and create glow-in-the-dark ooze, rolling robots, alien dessert and other surprises.

**INVENTOR'S WORKSHOP** Grades 4-6

**Time:** 1:00-4:00 pm

**Dates:** Saturdays, November 5-December 12 (6 weeks)

**Fee:** Facility Member \$125 Program Member \$150

We'll kick off this exciting camp with open-ended building and inventing and work in groups, as projects materialize right before your child's eyes. Your young inventor will explore high-tech gizmos and gadgets, glow-in-the-dark bubble ooze, and child-inspired recipes for soda pop, ice cream and sorbet. On the final day, we'll ride on a child-size hovercraft for a once-in-a-lifetime experience they'll never forget.

**EXTREME CHEMISTRY: SPLAT, FOAM, BOOM!** Grades K-3

**Time:** 9:30-12:30 pm

**Dates:** Saturdays, January 7-March 3, 2012 (8 weeks)

**Fee:** Facility Member \$145 Program Member \$165

Explore your inner mad scientist. Chemistry experiments include 10-minute tie-dye, instant lava, glow-in-the-dark bubble ooze, a giant bubble party, color changing chemistry, shake and make ice cream and sorbet, Hollywood blood formula, frozen "boo bubbles," and more super-reactive science.

**EXTREME CHEMISTRY: MAD LAB** Grades 4-6

**Time:** 1:00-4:00 pm

**Dates:** Saturdays, January 7-March 3, 2012 (8 weeks)

**Fee:** Facility Member \$145 Program Member \$165

Chemistry experiments include the water molecule race, instant lava, glow-in-the-dark bubble ooze, five-minute tie-dye, a giant bubble party, shake and make ice cream and sorbet, Hollywood blood, elephant's toothpaste, frozen "boo bubbles," and more super fun science. We'll also explore chemical reactions, polymers and chemical properties.

**EXTREME WEIRD SCIENCE** Grades K-3

**Time:** 9:30-12:30 pm

**Dates:** Saturdays, March 10-May 5, 2012 (8 weeks)

**Fee:** Facility Member \$145 Program Member \$165

Experience the unusual with experiments such as balloon bed, haunted family illusion and other optical illusions. Build delicious tall towers, levitate five inches off the ground, and catch a ghost. Try your hand at rock balancing and stand on a dixie cup tower. Campers also make dry ice soda plus 10 more extremely weird, yet thrilling experiments.

**EXTREME SCIENCE: MAD LAB AND DAREDEVIL STUNTS** Grades 4-6

**Time:** 1:00-4:00 pm

**Dates:** Saturdays, March 10-May 5, 2012 (8 weeks)

**Fee:** Facility Member \$145 Program Member \$165

Your child will create flying toilet paper, super foam, a vampire stakes illusion, potato launchers, real and model edible bugs, a twisting head illusion, glowing humans, ultra-violet light magic, plunger power and more dramatic and extreme science experiments. Demonstrations will also include walking on glass and needles through balloons.

**KIDS FAVORITE SCIENCE EXPERIMENTS** Grades K-3

**Time:** 9:30-12:30 pm

**Dates:** Saturdays, May 12-June 16, 2012 (6 weeks)

**Fee:** Facility Member \$125 Program Members \$150

All-time kids' favorite experiments include, volcano in the hands, scientific principles, science magic, fickle fish, soda geysers, shake and make slime, instant ice cream making, super-sized monster straws, little rockets and rocket balloons, glowing snow and 15 other experiments.

**KIDS FAVORITE SCIENCE EXPERIMENTS** Grades 4-6

**Time:** 1:00-4:00 pm

**Dates:** Saturdays, May 12-June 16, 2012 (6 weeks)

**Fee:** Facility Member \$125 Program Member \$150

All-time kids' favorite experiments include, volcano in the hands, scientific principles, science magic, fickle fish, soda geysers, shake and make slime, instant ice cream making, super-sized monster straws, little rockets and rocket balloons, glowing snow and 15 other experiments.





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## YOUTH SCIENCE PROGRAM

## REGISTRATION FORM

Birth Date MM/DD/YY	Grade	Full Name (First/Middle Initial/Last)	Member #
/ /			

Parent Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Address: \_\_\_\_\_ Email: \_\_\_\_\_

### GRADES K - 3 PROGRAMS

#### WACKY INVENTOR'S LAB

Saturdays, Nov 5 - Dec 17, 2012

Fee	Facility Member \$125
	Program Member \$150

#### EXTREME CHEMISTRY: SPLAT, FOAM, BOOM!

Saturdays, Jan 7 - March 3, 2012

Fee	Facility Member \$145
	Program Member \$165

#### EXTREME WEIRD SCIENCE

Saturdays, March 10 - May 5, 2012

Fee	Facility Member \$145
	Program Member \$165

#### KIDS FAVORITE SCIENCE EXPERIMENTS

Saturdays, May 12 - June 16, 2012

Fee	Facility Member \$125
	Program Member \$150

### GRADES 4 - 6 PROGRAMS

#### INVENTOR'S WORKSHOP

Saturdays, Nov 5 - Dec 17, 2012

Fee	Facility Member \$125
	Program Member \$150

#### EXTREME CHEMISTRY: MAD LAB

Saturdays, Jan 7 - March 3, 2012

Fee	Facility Member \$145
	Program Member \$165

#### EXTREME SCIENCE: MAD LAB & DAREDEVIL STUNTS

Saturdays, March 10 - May 5, 2012

Fee	Facility Member \$145
	Program Member \$165

#### KIDS FAVORITE SCIENCE EXPERIMENTS

Saturdays, May 12 - June 16, 2012

Fee	Facility Member \$125
	Program Member \$150

- Cash
- Check # \_\_\_\_\_
- CC # \_\_\_\_\_

Total \_\_\_\_\_

Exp. Date \_\_\_\_\_ Staff Initials \_\_\_\_\_

## **YMCA OF SILICON VALLEY: RELEASE AND WAIVER OF LIABILITY AND INDEMNITY AGREEMENT**

IN CONSIDERATION of being permitted to utilize the facilities, services and programs of the YMCA (or for my children to so participate) for any purpose, including, but not limited to observation or use of facilities or equipment, or participation in any off-site program affiliated with the YMCA, the undersigned, for himself or herself and such participating children and any personal representatives, heirs, and next of kin, hereby acknowledges, agrees and represents that he or she has, or immediately upon entering or participating will, inspect and carefully consider such premises and facilities or the affiliated program. It is further warranted that such entry into the YMCA for observation or use of any facilities or equipment or participation in such affiliated program constitutes an acknowledgment that such premises and all facilities and equipment thereon and such affiliated program have been inspected and carefully considered and that the undersigned finds and accepts same as being safe and reasonably suited for the purpose of such observation, use or participation by the undersigned and such children.

IN FURTHER CONSIDERATION OF BEING PERMITTED TO ENTER THE YMCA FOR ANY PURPOSE INCLUDING, BUT NOT LIMITED TO OBSERVATION OR USE OF FACILITIES OR EQUIPMENT, OR PARTICIPATION IN ANY OFF-SITE PROGRAM AFFILIATED WITH THE YMCA, THE UNDERSIGNED HEREBY AGREES TO THE FOLLOWING:

1. THE UNDERSIGNED, ON HIS OR HER BEHALF AND BEHALF OF SUCH CHILDREN, HEREBY RELEASES, WAIVES, DISCHARGES AND CONVENANTS NOT TO SUE the YMCA, its directors, officers, employees, and agents (hereinafter referred to as "releases") from all liability to the undersigned or such children and all his/her personal representatives, assigns, heirs, and next of kin for any loss or damage, and any claim or demands therefor on account of injury to the person or property or resulting in death of the undersigned, whether caused by the negligence of the releases or otherwise while the undersigned or such children is in, upon, or about the premises or any facilities or equipment therein or participating in any program affiliated with the YMCA.
2. THE UNDERSIGNED HEREBY AGREES TO INDEMNIFY AND SAVE AND HOLD HARMLESS the releases and each of them from any loss, liability, damage or cost they may incur due to the presence of the undersigned or such children in, upon or about the YMCA premises or in any way observing or using any facilities or equipment of the YMCA or participating in any program affiliated with the YMCA whether caused by the negligence of the releases or otherwise.
3. THE UNDERSIGNED HEREBY ASSUMES FULL RESPONSIBILITY FOR AND RISK OF BODILY INJURY, DEATH OR PROPERTY DAMAGE to the undersigned or such children due to negligence of releases or otherwise while in, about or upon the premises of the YMCA and/or while using the premises or any facilities or equipment thereon or participating in any program affiliated with the YMCA

**THE UNDERSIGNED further expressly agrees that the foregoing RELEASE, WAIVER, INDEMNITY AGREEMENT AND CANCELLATION POLICY is intended to be as broad and inclusive as is permitted by the law of the State of California and that if any portion thereof is held invalid, it is agreed that the balance shall, notwithstanding, continue in full legal force and effect.**

**THE UNDERSIGNED HAS READ AND VOLUNTARILY SIGNS THE RELEASE AND WAIVER OF LIABILITY, INDEMNITY AGREEMENT AND CANCELLATION POLICY, and further agrees that no oral representations, statements or inducement apart from the foregoing written agreement have been made.**

**Parent/Guardian Signature: \_\_\_\_\_ Date: \_\_\_\_\_**