



Sparkling Imaginative Learning

Telephone: 604 591-9115

Fax: 1-866-305-9847

Email: Vancouver@madsciencebc.com

www.madscience.org/vancouver



MAD SCIENCE EIGHT-WEEK SCIENCE CLUB

Eight weeks of exciting hands-on science based activities. Watch fascinating demonstrations, join in enquiry-based discussions, participate in individual and group experiments, and make amazing take-homes. Mad Science will spark the curiosity and imagination of children with fun science activities that will help them understand the science around them.

School: VANCOUVER TALMUD TORAH

Dates: JANUARY 12 – MARCH 15, 2012

Space is limited so register early - \$120 for 8 weeks

| Sessions: THURSDAY, 3:40 – 4:40 P.M. (GRADES 1 – 7)

*** MONITOR FOR OUR eMAIL ONCE YOU REGISTER *** DEADLINE: MONDAY, DECEMBER 12, 2011 ***
RETURN REGISTRATION AND PAYMENT TO SCHOOL OFFICE: CHEQUE PAYABLE TO “MAD SCIENCE”

HARNESSING HEAT

Take-on temperature. Build a thermometer and heat things up with friction. Feel how hot and cold can change at a touch.

LIGHTS ... COLOR ... ACTION

Catch some cool colors. Make a rainbow out of white light. Split your name with ink and reveal numbers with color filters.

MAGNETIC MAGIC

Explore the power of magnets. Create electromagnets and control a compass needle. See a magnetic accelerator in action.

MISSION: NUTRITION

Step into some healthy habits. Put together a food pie and lay out a perfectly proportioned meal. Burn calories and shake up an emulsion.

OPTICAL ILLUSIONS

Work against your eyes. Trick your brain with lines and coils. Discover how mirrors and their reflections can play tricks on what you see.

SONIC SOUNDS

Uncover the source of sound. Tap into sound waves and fill your ears with vibrations. Discover the way household items can be used to create amazing movie effects!

TANTALIZING TASTE

Use your sense of taste. Magnify your taste buds and unplug your nose. Find your favourite flavor and try a carbonated taste test.

WATTS-UP

Charge up on static electricity. Make indoor lightning and conduct hair-raising experiments with an electro-static generator.

✂ Cut ----- ✂

* PLEASE SUBMIT A SEPARATE CHEQUE FOR EACH CHILD ENROLLED; PAYABLE TO “MAD SCIENCE” *

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Child: _____ Grade _____ Child's Birth Date: _____
Last Name First Name (Month/Day/Year)

eMail (Mandatory): _____

Parent(s)/Guardian(s): _____
Last Name First Name(s)

Telephone(s) _____
Cell Cell Home Telephone Number

My child has permission to remain after school for the Mad Science “After-School Science Club”. When class is over, my child will be:

☐ Picked-up after school by (indicate relationship/name): _____
☐ My child will be attending after-school daycare or ☐ My child will be walking home on his/her own

Allergies/Health Concerns: _____ (Be specific or if none, indicate “None”)

Parent/Guardian Signature: _____ Dated: _____