



Sparking Imaginative Learning

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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 world around them.



School: MARLBOROUGH | Sessions: THURSDAYS, 3:00 – 4:00 P.M. (GRADES 1 – 7)
Dates: JANUARY 17, 24, & 31ST; FEBRUARY 7, 14, 21, & 28TH; MARCH 7TH, 2019

Space is limited so register early - \$140 (includes tax) for 8 weeks
***** MONITOR FOR OUR eMAIL ONCE YOU REGISTER *** DEADLINE: FRIDAY, JANUARY 11TH, 2019**

ALL ABOUT ANIMALS

Learn about the amazing animal kingdom and the diverse, astounding creatures on earth! Experiment with camouflage and get hands-on with real tooth and claw replicas. See what's inside animals and discover what's truly spineless! The real circle of life is revealed!

ENERGY BURST

An energetic class to explore energy transfer and energy conversion! Jump and push up to reach your potential! Unwind with windup gadgets that swim, hop and flip. Pair up and drop frog splat balls from different heights! Learn how the catapult has the potential to get kinetic!

GET CONNECTED

Take on telecommunications by seeing the sound of your own voice! Chat on your own telephone network and find the limits to low-power radio signals. Learn how to track cell phone users!

LIFE IN THE SEA

Explore different ocean ecosystems and learn about the plants and animals that live there. Classify creatures and compare shark and whale teeth.

MIX IT UP

Get physical with chemistry! Make a four-layer mixture of water and solutions. Learn about molecular movement and see how an antacid suspension buffers an upset stomach. You will clarify water and even carry out a salting-out technique to pull soap out of solution!

MOVING MOTION

Catapult into Newton's three laws of motion! Yank a cloth under dishes and send crash test dummies flying. See action-reaction forces at work while mini-rockets launch through the air!

RADICAL ROBOTS

Explore the world of robotics! A reading and writing robot draws shapes, detect objects and tracks lines. You learn to control an automaton through sound, move a robot through a maze and make a soccer robot score a goal!

SUPER POWER SOURCES

Embark on a quest for alternative energy sources. Harness the sun's heat with a parabolic mirror, ramp up a power generation station and pinpoint power resources. Work with your teammates to run a fan-powered light bulb.

✂Cut -----✂

TO REGISTER, GO TO OUR ONLINE REGISTRATION AT:

<https://register.madscience.org/vancouver>

FOLLOW US ON FACEBOOK: MAD SCIENCE OF GREATER VANCOUVER