



Sparking Imaginative Learning

Telephone: 604-591-9115
Email: vancouver@madsciencebc.com

MAD SCIENCE EIGHT-WEEK SCIENCE CLUB

Eight weeks of exciting hands-on 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: SIR WILLIAM VAN HORNE ELEMENTARY | **Sessions:** WEDNESDAYS, 3:10 – 4:10 P.M. (GRADES K – 7)
Dates: JANUARY 8, 15, 22 & 29TH; FEBRUARY 5, 12, 19 & 26, 2020

Space is limited so register early - \$140 (includes tax) for 8 weeks

*** MONITOR FOR OUR eMAIL ONCE YOU REGISTER *** DEADLINE: FRIDAY, JANUARY 3, 2020 ***

CHE-MYSTERY

Eliminate the mystery in chemistry! Explore one of the most exciting and fundamental disciplines of science as you make your own “chemical” soda pop!

“CURRENT” EVENTS

Take a tour on the electron freeway! Conductors, insulators, transistors and other shocking elements in the world of circuit electricity are shockingly examined. Explore the tingle in your fingertips and the twinkle in your eye!

FUN-DAMENTAL FORCES

Gravity ... inertia ... centripetal force ... who could ever imagine that an introduction to physics could be so much fun? We'll experience these awesome forces for ourselves and build some cool devices to watch them at work!

SCIENCE OF MAGIC

Magic? Nope ... it's science! You'll learn the secrets behind famous magic tricks that you can recreate for yourself! Mother Nature has some tricks of her own and we'd like to show you what's up her sleeve!

SUPER STRUCTURES

Discover the strengths of triangles, cylinders and arches. Learn how combinations of these shapes make for sturdy homes and skyscrapers!

STUNT PLANES

The Wright Brothers would be proud as we follow in their footsteps and learn the fundamental principles of flight. Build a “football” glider and then make your very own Mad Science Glider ... you'll be a Top Gun after this class!

UNDER PRESSURE

Join Bernoulli and Newton as we take this exciting look at the science behind aerodynamics and the properties of air ... under pressure. Use a vortex generator to create air pockets with a punch and levitate ping-pong balls in defiance of gravity.

WACKY WAVES

Learn about water, waves and the environment. Simulate the effects of an ocean oil spill, and develop creative techniques to clean it up!

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TO REGISTER, GO TO OUR ONLINE REGISTRATION AT:

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

FOLLOW US ON FACEBOOK: MAD SCIENCE OF GREATER VANCOUVER