



Sparking Imaginative Learning

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

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: PORTER STREET

| Sessions: FRIDAY, 3 – 4 P.M. (GRADES K – 7)

Dates: APRIL 13, 27; MAY 4, 11, 25; JUNE 1, 8, 15, 2018

No Session:

Space is limited so register early - \$130 (including tax) for 8 weeks

*** MONITOR FOR OUR eMAIL ONCE YOU REGISTER *** DEADLINE: FRIDAY, APRIL 6, 2018

DIRT ON GARBAGE

Become a caretaker of the Earth and get a hands-on look at ways to help reduce our garbage, re-use what we cannot reduce and create ways to recycle! Hands-on activities and interactive demonstrations will illustrate to students their role in improving the planet.

MATTER-OF-FACT

Did you know that a simple flame is a complex chemical reaction? Explore the difference between physical and chemical changes.

SCIENCE OF SPORT

Discover which part of your body Scientists believe can determine if you are going to be good in certain sports. Test your lung capacity and design a safety helmet. Learn about the centre of gravity and balance to see how they affect a squiggle ball!

WHERE'S THE AIR?

The power of compressed air! Learn about air pressure and its principles. Then apply these concepts while experimenting with different flying devices!

LASER LIGHT

Use a real laser to create illusions, holograms and special effects! Design a light show and compete in a friendly game of Laser Limbo. Light Amplification by Stimulated Emission of Radiation was never this cool!

BLACK & BLUE OCEANS

Crude oil and the oceans definitely do not mix! Students will devise and test oil spill cleaning methods in a simulated spill. Explore the causes and remedies for acid rain through pH testing and monitoring.

MAD MIXTURES

Explore substances and how they react and interact with each other. Learn and be amazed as mixtures swirl, bubble and fizz!

SLIPPERY SCIENCE

Demystify one of the most fascinating and beneficial molecules known to mankind. Learn how polymers make up everything from DNA to our very bodies!

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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