



## 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: QUEEN MARY ELEMENTARY | Sessions: TUESDAYS, 3:10 – 4:10 P.M. (GRADES 3-5 ONLY)**  
**Dates: JANUARY 15, 22 & 29<sup>TH</sup>; FEBRUARY 5, 12, 19 & 26<sup>TH</sup>; MARCH 5, 2019**

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

**\*\*\* MONITOR FOR OUR eMAIL ONCE YOU REGISTER \*\*\* DEADLINE: WEDNESDAY, JANUARY 9, 2019**

#### **CELLS**

Explore the cell anatomy and the function of the parts of the cell. Study actual cell structures under the microscope.

#### **DINOSAURS**

Examine real fossil casts, and explore the differences in the teeth of herbivorous and carnivorous dinosaurs.

#### **ECOSYSTEM EXPLORATION**

Learn about the interconnections that exist between all the living things in ecosystems including human beings.

#### **ENERGY IN MOTION**

Learn all about energy and motion. Discover that energy can be stored, some basic laws of motion and how things move. Experiment with ribbon dancers, tube racers, and slinkies.

#### **HUMAN BODY**

Learn about the human body! Bones called the skeleton; muscles help people to move, and the heart pumps blood through the body bringing food and oxygen to all parts of the body.

#### **PHOTOSYNTHESIS**

Learn about the chemical processes at work in the plant, plant respiration, and the role of plants in the food web. Study plant cells under the microscope.

#### **SEEKING OUR SENSES**

Explore all five senses. Test your vision with optical illusions, experiment with your hearing, and try your hand at reading Braille.

#### **WATER WORKS**

Have fun with water. Discover why some things float and some sink; learn about surface tension and experiment with water absorption.

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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**