



## 6-Week After School Program

### Lights, Sights, and Sounds

**Watts Up?!** – Our electrostatic generator is a “hair raising” experience. Make indoor lightening as we explore static electricity in a series of hands-on experiments.

**Harnessing Heat** - Witness a mini rocket launch while learning the properties of heat. Change the states of matter and experiment with our copper convection pipes. Have an ice cube melting race!

**Magnetic Magic** - Investigate the powers and daily uses of magnets. Test for electromagnetic fields and then use what you have learned to build an electromagnet.

**Optical Illusions** - Build your own periscope while learning about optics, reflection and sight. Watch celebrity images change before your very eyes! Seeing is not always believing.

**Sonic Sounds** - Discover sound waves and the way vibrations pass through the states of matter. Then use our plasma disk to “see” sound as it moves. Make your very own harmonica.

**Lights, Colour, Action!** - Uncover the hidden components in ordinary light and build your own Newton's colour wheel to prove it. Then take home your very own rainbow glasses.

**Location:** Nashwaak Valley    **Registration Deadline:** Oct 11    **Cost:** \$79 (\$68.70+HST)

**Wednesdays** from Oct 18 – Nov 22

**Time:** Grades K-5 11:45 to 12:45

**Email [madsciencefredericton@gmail.com](mailto:madsciencefredericton@gmail.com) the following to register:**

Parent name	Child name, Grade, Teacher
Phone numbers (h/w/c)	Medical conditions/concerns
Email	Dismissal plan (parent pickup, walking alone, day care)

**Preferred payment method is by e-transfer** (password ‘science’) from your online banking or send cheque/cash to the first session. Please label all payments with the school and child’s name.

--**Class sizes are limited.** If space is available, enrollments received after the Registration Deadline may be accepted at the full enrollment price plus **\$5 late enrollment fee.**

--A limited amount of financial assistance is available: email [madsciencefredericton@gmail.com](mailto:madsciencefredericton@gmail.com) or call (506) 878-0827.

