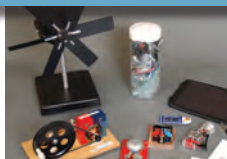




## A classroom experience not to be missed!

These bilingual Edukits deliver information, activity plans and materials necessary to carry out a comprehensive series of lessons. Each Edukit emphasizes hands-on activities, Canadian content and offers flexibility. Designed in modules, units can be delivered in any desired order.

### WE DELIVER THE KIT, YOU DELIVER THE PROGRAM



*Have a **BLAST**  
in your class*

*Modular units for  
multi-class use*

#### **Properties and Nature of Light** (grades 4 to 6)

Explore the characteristics of light using ray boxes, mirrors, lenses, prisms and filters. Discover the fundamentals of reflection, refraction, colour and perception. Compare and contrast additive and subtractive colour theory using light and paint.

#### **Space Exploration** (grades 4 to 6)

Discover Canada's rich history of Space exploration, from the Alouette to the International Space Station. Examine the basics of propulsion, learn about the collapsible STEM (Storable, Tubular, Extendible Member) antenna, and enjoy hands-on activities exploring the size and scale of our solar system.

#### **Energy for Tomorrow** (grades 4 to 6)

Discover how energy is produced in today's world. Includes hands-on activities on the basics of electromagnetism, experiments using renewable electrical energy sources, instructions on how to read and draw a basic wiring diagram, and experiments using series and parallel circuits.

#### **Life on the International Space Station** (grades 4 to 6)

Explore how humans live and work on the ISS. Activities demonstrate the effects of microgravity, as well as the technologies that sustain life in the Space environment. Discover what it takes to become an astronaut, and follow the successes of our own Canadian astronauts.

**NEW**

#### **Alternative Energy and Green Vehicle Technologies** (grades 9 and up)

Explore the basics of electrical circuitry by examining automotive technology. Includes hands-on demonstrations about electric motors and combustion engines. Visualize how energy is recovered in hybrid-electric vehicles. Make biofuel, and measure exhaust gas emissions. Discover electrochemistry as you assemble a fuel-cell vehicle. (Created in collaboration with Transport Canada's ecoTECHNOLOGY for Vehicles program)

**NEW**

#### **The Wonderful World of Woolly the Sheep** (kindergarten to grade 2)

Through stories, games, and fun activities, join Woolly's world and discover the needs and life cycle of sheep and the products that come from raising sheep. Learn about the duties of the shepherd, the herding dog, and guard animals; handle wool and explore its properties. Create exciting crafts and conduct cool experiments to learn how fleece is transformed into everyday objects.



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