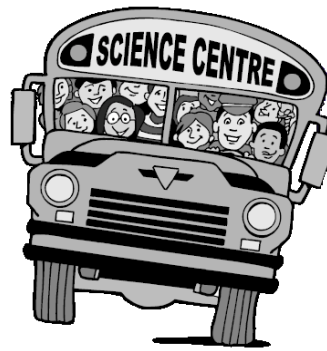




Polson Park, Vernon

Phone: (250) 545 – 3644

Email: programs@okscience.ca



**HANDS-ON
SCHOOL
PROGRAMS!**

2011 - 2012

PHYSICAL SCIENCE

Touchy Feely Science (K)

Together we will explore our fascinating five senses by identifying and classifying sense by sense!

Simple Machines (Gr1, Gr5)

Use simple machines (levers, pulleys, wheels, inclined planes) to accomplish a challenge and solve a problem!

Magic Magnets (Gr1)

Test magnetic properties, discover magnetic poles, levitate magnetically, and build your own compass!

Properties of Matter (Gr2)

What are the three states of matter? Conduct amazing chemical reactions to find out what they are and how they can change!

Structure Spectacular (Gr3)

Learn about design features that provide strength and stability, and participate in a building challenge! Whose will be the tallest and strongest?

Let There Be Light (Gr4)

How does light travel, and what paths does it take when it encounters mirrors and lenses? Test the properties of light and construct your own lens!

Sound Effects (Gr4)

Explore the mechanics of sound: vibrations, frequency, and volume. Discover how they all interact as we create music!

Come Fly With Me (Gr5, Gr7)

Learn about the forces of flight, and discover how they relate to airplane design. Make your very own models to launch at our target!

Electrifying Electricity (Gr6)

Is electricity really all about the movement of tiny electrons? Build your own circuits and see first-hand!

Acids and Bases (Gr7)

Classify different solutions as acidic or basic, and rank their pH using a variety of colourful indicators!

EARTH & SPACE AND LIFE SCIENCE

Weather Watch (Gr4)

Discover why weather happens, and make your own measuring devices to detect the weather mechanics at the OSC!

Water (Every) where? (Gr5, Gr7)

Explore local water issues and construct a water filtration device to turn polluted water clear!

New!

Waste, Recycle, or Compost? (K, Gr2, Gr4, Gr6)

Discover what happens to our household waste, and learn ways to reduce our footprint. Dig in our compost and identify life with the naked eye and under a microscope!

It's a Small World (Gr1, Gr2, Gr4, Gr6)

Prepare microscope slides with pond water to detect protists, animals, plant matter and bacteria!

Insect Mania (Gr2, Gr4, Gr6)

Discover the interesting world of insect life as you examine magnified samples and explore their environmental adaptations!

New!

PLANETARIUM SHOWS

The Skies Above (Gr3)

Examine the constellations and be entertained by some authentic starry night storytelling!

Native North American Skylore (Gr3, Gr9)

See the constellations that were important to our First Peoples, and learn the myths and legends surrounding them. This guided show will help you to interpret the cultural significance of star gazing in generations past.

Deep Space (Gr9)

What is out there in our vast universe? Explore black holes, dark matter, and the quest for answers!