



# High Touch High Tech®

Science Experiences That Come To You™

## Kindergarten through Third Grade Programs

### **Chemfun©**

Find out about the world of chemical reactions! Explore chromatography as you watch the colors separate before your eyes. Make your own silly putty and find out how much fun chemistry can be!

**K Physical Science (Properties of Objects & Materials)**

### **Design Time©**

Have fun with architecture as we build buildings, bridges and more. You'll uncover the importance of strength and stability. Discover how different shapes, materials and forces can affect different structures.

**Grade 3 Physical Science (Materials and Structures)**

### **Earthworks©**

Discover our planet's wonderful resources. Explore the sky as we have FUN with solar power and look at how air, water and soil work together. Journey through nourishing layers of soil and discover the cool creatures that make it their home.

**Grade 2 Earth and Space Science (Air, Water and Soil)**

*"Great hands-on experiments, fast paced. We'll definitely have the Earthworks workshop again."*

Morgan Elementary (Surrey)- Grade 2 Teacher

### **Germs Make Me Sick (Grades K-4) (must book 4 in a day)**

Learn about bacteria and viruses. Find out how they can make us sick. Discover how easily germs can be passed around and how you can keep them off of you!

### **Get Buggy©**

Explore the cool and creepy things bugs do and why! Classify bugs into groups and look at their different body parts. Uncover how spiders create webs and their different designs. We'll even bring in two or more of our favorite live bugs!

**K-2 Life Science (Characteristics / Needs of Living Things)**

### **Global Fever© (Grades K-5) (must book 4 in a day)**

Discover the effects of global warming! See what a carbon footprint it, how big yours is and what you can do about it. Explore clean and renewable energy and learn what you can do to make a difference. Have FUN in our recycle relay!

Social Responsibility and great for Earth Day!



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## **Insectology©**

Creepy, crawly, weird and wacky. Discover the incredible life and behaviours of insects. From egg to adult, journey through the life cycle of insects. Get excited as we bring in two or more real insects-- they will amaze you.

**Grades 1-2 Life Science (Characteristics / Needs of Living Things)**

*"This is a super program that is very related to the science curriculum."*

MB Sanford (Surrey)- Grade 2 Teacher

## **Jurassic Jr.©**

Become a paleontologist and uncover the mysteries of the dinosaurs. We'll go on an excavation, and explore how the dinosaurs looked, ate and lived by discovering real fossils. Make and take home your own fossil!

**Grades 1-2 Life Science (Characteristics / Needs of Living Things)**

## **Magnet Makers©**

Take a look at all of the properties of magnetism. Uncover all the "attractive" facts. Explore the effects of magnets on different materials. Use attraction and repulsion to move things. Make your own magnet and much more!

**Grade 1 Physical Science (Force and Motion)**

## **Newton in the Nutshell©**

Hop on our gyroscope and go back in time to the days of Newton. It's time to experiment with force and motion. Discover gravity, friction, inertia and have FUN as we push, pull and get the job done!

**Grade 1 Physical Science (Force and Motion)**

## **Sea Ya' Later©**

Dive deep into the underwater world as we explore all types of sea creatures. Explore the layers of the ocean and what lives there. Investigate how life can survive and thrive in the oceans.

**K-3 Animal Growth and Changes (Life Science).**

## **Smarty Plants©**

Become a botanist and discover the amazing world of plants. Learn about photosynthesis and plant life cycles. Have a hands-on look at roots, shoots and transportation inside a plant. Get all of the "seedy" facts!

**K-3 Life Science (Characteristics / Needs of Living Things/ Plant Growth and Changes)**

*"Fabulous- my students were engaged and educated. A super presentation of the highest quality."*

Panorama Heights (Coquitlam)- Grade 1 Teacher



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## **Space...the Final Frontier©**

Attention all astronomers! Take off through the astronomical solar system and explore planets, stars and the amazing sun. Experiment with the force that keeps our planets in order and imagine what life might be like on Mars.

**Grade 3 Earth and Space Science (Stars and Planets)**

## **Weather or Not©**

Explore the many types of weather and how they occur. Discover how our planet moves, creates seasons and how the sun affects our weather. Experiment with temperature, lightning, storms, tornadoes and even take home snow!

**Grade 1 Earth and Space Science (Daily and Seasonal Changes)**

## **What's the Matter©**

Find out what really matters. Have FUN as we explore three different states of matter. Measure volume, use density bottles and discover for yourself how air takes up space.

**Grade 2 Physical Science (Properties of Matter)**

*"The students will not forget what they learned today."*

Lord Byng Elementary (Richmond)- Grade 2 Teacher

## **Fourth through Seventh Grade Programs**

### **Brain Buzz©**

Discover how cool the brain really is! Find out why the brain is the boss, as we make neurons, axons, and much more. Have fun as we watch messages move, and learn why the brain is so groovy!

**Grade 5 Life Science (Human Body)**

### **Dig It©**

Take a look at our earth and its cool layers. We'll spend time on our crust, mantle, core and our moving plates. Explore rock and earth formations and how these change over time. Learn how to perform tests on minerals.

**Grade 7 Earth and Space Science (Earth's Crust)**

*"Excellent program that relates well to IRP's and to what I am teaching right now is Science."*

Cornerstone Christian Academy (Richmond)- Ms Robertson



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## **Edison's Workshop©**

Explore the amazing world of electricity. Learn what's "current" as you create static and current charges. Transform electricity into light, sound, motion and even magnetism! Students will also get a chance to create simple and parallel circuits.

**Grade 6 Physical Science (Electricity)**

## **Finally Fun Machines©**

Have FUN with machines. Create your own simple machine and meet the "Facilitator," our multi-personality compound machine. Use pulley power, incline planes, levers, spring scales and much more. Become "energized" as we discover potential and kinetic energy.

**Grade 5 Physical Science (Simple Machines)**

*"Couldn't be better. Love to use you again, well done thank you."*

Maple Lane (Richmond)- J. Barstow

## **Forensic Fun©**

Become a C.S.I. technician as we discover/ test a mystery powder, form teeth impressions and take clues from footprints. We'll even dust for fingerprints and much more.

Grades 4 & 5

## **Globs Goo and Guts©**

Roll up your sleeves and look at the digestive, excretory and muscular systems of the body. You'll have a hands-on look at a real cow and pig stomach, intestines and much more!!

**Grade 5 Life Science (Human Body)**

## **Matter Mania©**

Learn what really matters as we explore molecules, atoms and the Periodic Table of Elements. You'll mix up some amazing physical and chemical changes. Find out what an indicator is to chemists and explore the pH scale.

**Grade 7 Physical Science (Chemistry)**

## **Meteorology Madness©**

Discover the amazing properties of air and air pressure. Look at different weather conditions, what causes them and the instruments used to measure them. Explore the greenhouse effect, relative humidity, extreme weather conditions and much more!

**Grade 4 Earth and Space Science (Weather)**



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## **Rainforest Safari©**

Discover what living things need to survive in a habitat. Explore what lives and survives in the rainforest. Build your very own rainforest to keep! Create a tundra habitat and a creature that must survive.

**Grade 4 Life Science (Habitats and Communities)**

## **Power of Light©**

Find out how amazing the sun's light really is. Explore visible light: its sources and how it can be controlled using prisms, mirrors and more. We'll investigate the Electromagnetic Spectrum, solar power, and much more!

**Grade 4 Physical Science (Light)**

*"Extremely Educational! Wonderfully Presented!"*

Pacific Academy (Surrey)- Grade 4 Teacher

## **Silly Cells©**

Discover the amazing world of biology. Explore the 5 kingdoms. Experience cellular respiration, osmosis, enzymes and the different parts of a cell. Become a geneticist as we create our own DNA!

**Grade 6 Life Science (Diversity of Life)**

## **Sounds Like Fun©**

Using tuning forks, discover what sounds actually are. Catch a sound wave as we learn about pitch, intensity and frequency. Use a theremin to make discoveries about the Doppler Effect. Understand wave motion as we introduce a sound modulator to your classroom.

**Grade 4 Physical Science (Sound)**

*"I loved how interactive it was and the opportunity for all to participate."*

Jesse Wowk School (Richmond)- M. Hunter