



University  
of Victoria

## What is a Science Venture Workshop?

Two energetic university students from the Science Venture team enter your classroom equipped with supplies and enthusiasm for a two-hour science, engineering, and technology workshop. These dynamic sessions consist of exciting demonstrations, interactive experiments, and hands-on activities. Upon completion of the workshop, the class will have developed an excitement for science, while interacting with positive university role models.

## Schedule

May 14 – June 13, 2012

Choose from two time periods:  
Morning (9 am – 12 pm)  
Afternoon (1 pm – 3 pm)



*“The workshop was wonderful! Jose and Jenna covered the PLO’s for grade 5 science while making it a fun and interactive presentation. The activities were a great mix of hands-on, group work, oral questions, and written work (designated students included)!”*

*-Grade 5 teacher*

# Workshop Topics



## **Junior Scientist (Kindergarten)**

Students will learn how they are scientist by applying the processes of science to a series of experiments including Elephant's toothpaste.

## **Total Magnetism (Grade 1)**

Exploring magnetism with a variety of activities including deconstruction of popular toys, extracting iron from cereal, and testing the magnetic properties of materials.

## **P.A.W.S Detectives (Grade 2)**

Become a P.A.W.S (Properties of Air, Water, and Soil) detective, and help solve as a mystery case full of demos, challenges, and experiments.

## **Simply Structures (Grade 3)**

After testing various materials for strength, students will use a budget in an engineering structure design challenge. They will also have a chance to enter into pneumatic structure big enough for the entire class.

## **Light vs. Sound (Grade 4)**

Discover the properties of light and sound and see how they compare through interactive demonstrations, experiments, and a final building project.

## **Renewable Resources (Grade 5)**

In this design challenge, students will explore renewable and non-renewable forms of electricity and build a wind turbine that will be tested for the energy produced.

## **Extreme Oceans (Grade 6)**

Come with us to explore the undersea world of the West Coast. Learn about the challenges of conducting research on the ocean floor, and ways that scientists and engineers of the UVic's VENUS Project work to overcome these difficulties.



## Book More Save More

1 workshop = \$90/workshop  
2 workshops = \$85/workshop  
4 workshops = \$80/workshop  
6 workshops = \$75/workshop

May 14 – June 13, 2012

Workshops are booked on a first-come, first-served basis.

## To Reserve a Workshop

### Step 1:

Collect the following information from interested teachers in your school:

- Teacher Name
- Workshop Topic
- Grade
- Number of Students
- Room Number

### Step 2:

Use the fillable word Workshop Booking form.

### Step 3:

Fax or email completed forms to Science Venture. Once we receive your form, we will contact you to confirm requested dates and schedule workshops.

### Step 4:

Once workshops have been confirmed, please mail in a cheque payable to Science Venture.

### Mail:

Science Venture  
University of Victoria  
PO Box 3055  
Victoria BC V8W 3P6

### Dial Tones:

Tel: 250-721-8661  
Fax: 250-721-8676

### Cyberspace:

[svworkshops@engr.uvic.ca](mailto:svworkshops@engr.uvic.ca)