

SCIENCE WORLD  
*on the road*



**The presentation our students received from the team was amazing, first-class, and of course educational. There was something for everyone!**

*Fernie, BC*

**It was humorous and educational — it was awesome ... I can't say enough how great it was.**

*Fort Nelson, BC*



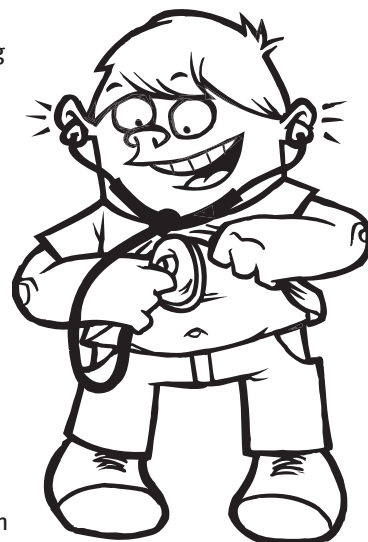
**SINCE 2005, SCIENCE WORLD ON THE ROAD HAS VISITED 262 COMMUNITIES ACROSS BC, CONNECTING WITH MORE THAN 190,000 STUDENTS AND 10,000 TEACHERS. IN THE 2011/12 SCHOOL YEAR, WE WILL VISIT OVER 20 COMMUNITIES ON A PRE-PLANNED ANNUAL TOUR.**

*Science World On the Road* shows are guaranteed to keep your students engaged, eager and excited about science. By presenting science outside of the classroom or lab—and by making it fun and relevant—we aim to not only educate, but also to inspire an appreciation and enthusiasm for science. Our curriculum-directed demonstrations focus on aspects of science that everyone can relate to: *curiosity, experimentation, & observation.*

### **IT'S A GAS (GRADES K-3)**

*It's a Gas* explores the amazing properties of the air around us. Exciting demonstrations show how air can push, take up space, and even support a whole group of students. Vacuum chambers, leaf blowers, and greenhouse gases are all featured.

Demonstrations to watch out for include: the vacuum chamber, where balloons and marshmallows inflate as if by magic, the smoke ring cannon, and the dragon's breath, where students learn about the properties of the air they breathe out



### **ENERGY IN ACTION (GRADES 4-7)**

*Energy in Action* explores some of the different forms of energy, including light, sound, kinetic, chemical and electrical energy. Using amazing science demonstrations, we investigate energy that exists all around us and that affects our everyday lives.

Things to watch for include: The sound energy produced by a model cannon, electrical energy leaping from the Van de Graaff generator, the kinetic energy of a giant slingshot, and much more.

### **EXTRA-SENSORY SCIENCE (GRADES K-7)**

*Extra-Sensory Science* takes a look at the amazing science we can observe with our five senses. Dynamic experiments explore sight, smell, touch, hearing, and taste.

Demonstrations to watch out for include: eye-popping optical illusions, an explosive miniature cannon, and a tongue-twisting game of Jellybean Roulette where you never know what you might taste.

### **UNDER PRESSURE (GRADES 6-9)**

*Under Pressure* explores the many ways to generate force and pressure. Explosions, hair-raising electricity experiments, amazing air pressure, and the deadly "Chair of Nails" are all featured.



## CURRICULUM LINKS

Grade K-7: Physical Science  
Grade 4-7: Processes and Skills  
of Science

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**My favorite subject in school is science and you just made it even funner.**

*Grade 5 student,  
Victoria,  
Fernie, BC*

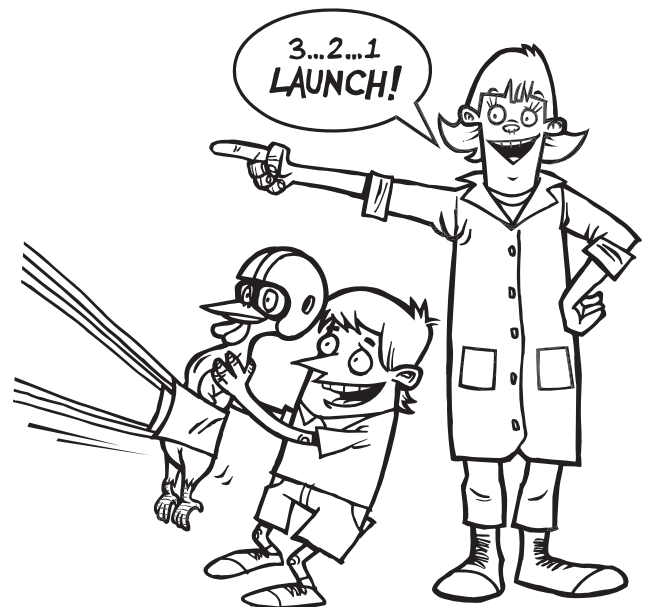
## ENERGY IN ACTION (GRADES 4-7)

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Things to watch for include: the chemistry behind loud sounds, the Van de Graaff Generator producing electricity, the kinetic energy of a giant slingshot, and much more.

Please note the content of each Energy in Action show varies depending on presenters, time and space available.

**More exciting science activities, searchable by grade level and topic, are available at [resources.scienceworld.ca](http://resources.scienceworld.ca)**





## CURRICULUM LINKS

Grade K-3: Physical Science  
Grade K-3: Processes and Skills  
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**...The coolest thing I ever saw.**

*Grade 2 student, Chilliwack*

**This type of program certainly plants the seed in young minds for science.**

*Principal, Victoria*

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Please note the content of each It's a Gas! Science show varies depending on presenters, time and space available.

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## CURRICULUM LINKS

Grade K: Processes and Skills  
of Science

Grade K: Characteristics of  
Living Things

Grade 2: Processes and Skills  
of Science

Grade 5: Life Science

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**Thank you so much. It was so great for the students to have access to such an impressive show at our remote location.**

*Teacher, Lasqueti Island*

**Science is cooler than I thought.**

*Grade 4 student, Chilliwack*



## CURRICULUM LINKS

Grade 6–9: Physical Science  
Grade 6–9: Processes and Skills  
of Science

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**It was awesome the way you taught us new things about science that I have never seen before.**

*Fernie, BC*

