

# LET SCIENCE NORTH BRING OUR PROGRAMS TO YOUR SCHOOL!

## Science and Innovation

**FREE**

Let Science North bring our programs to you! Book a day with the Bluecoat Scientists, and you'll get up to four hands-on programs for individual classes (capacity of 30 students) and an interactive science show for the entire school.

**Grades 1 to 3**

### What's the Buzz?

Where would we "bee" without bees? Students will learn more about the importance of pollination within plant communities and bees' roles in our ecosystem. Using basic coding skills, each student will get to program a bee-robot to accomplish an important pollinating task and use their ingenuity to navigate a series of challenges.



**Grades 4 to 5**

### Robot Hack Lab

Our future will be filled with robots – from driving cars to assisting us with daily chores - these pieces of technology will become ever more present in our lives. What exactly is a robot? How does a robot accomplish different tasks? In this program students will learn how to build a robot and program it, using their creativity and problem solving skills to guide them. They will have the chance to experiment with how a robot senses its surroundings and create light and sound.



**Grades 6 to 8**

### Maker Spectacular

Electrical circuits are important systems that allow us to accomplish so many things in our everyday lives. With a device called a "Makey Makey" the students will explore how an electrical circuit works, and then use that knowledge to design their own game controller. Students will be encouraged to be innovative as they explore the world of system design and circuit engineering - inventiveness and creativity earning them extra points.

**All Grades**

### THE Science Show

Come together as a school to celebrate the Science North's Bluecoats' FAVOURITE demonstrations from the world of science, and how they have led to amazing innovations today! From biology to physics, chemistry to geology, this show covers it all! There will be flying smoke rings, foaming chemical reactions, fluorescent rocks and MORE. What better way to get students excited about science than to demonstrate all of the different areas available for their fascination, experimentation and innovation!



Space is limited and reservations are made on a first come basis. For more information, availability or to reserve your Science North visit, contact: **1.800.461.4898 ext. 505** or email [nwoutreach@sciencenorth.ca](mailto:nwoutreach@sciencenorth.ca)

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