



NATIONAL  
SCIENCE  
EXPERIMENT



Join us for the fifth annual

## 4-H National Youth Science Day

**October 10, 2012**

The 2012 National Science Experiment, the *4-H Eco-Bot Challenge*, explores how robots can be used to preserve and protect the environment, while offering a glimpse into the future of science, technology, engineering and math.

### Build Your Bot

Youth will assemble their own Eco-Bot, then discover how the robot functions.

### The Goal is Control

Youth will design a set of control surfaces to program the Eco-Bot to perform a simulated environmental clean-up project.

### Make a Clean Sweep

Youth will measure the effectiveness of their control surfaces by recording how much of the spill is “swept up” by the Eco-Bot.

**Join the fun!**

**Visit:** [www.4-H.org/NYSD](http://www.4-H.org/NYSD)

