



Fundamental technology education for kids

After-School Class in Robotics!

BITS, BYTES & BOTS provides technology workshops, field trips and after-school classes using our mobile technology classroom.

Ben Franklin Academy **Ages 8 & up**

This exciting class teaches you how to build and program LEGO® Mindstorms® robots. Meet such challenges as cleaning off a board using a light sensor, driving a robot through a maze with a touch sensor, or avoiding objects with an ultrasonic sensor. The final class will be the Robot Sumo activity.

The class will introduce programming concepts such as repeat loops, if/then statements and using variables. Basic building techniques, gear ratios, and light and touch sensor use will also be taught. This class is for the student who has little or no experience with robotics or programming.

Educational benefits: Participants will be developing logical thinking and problem-solving skills, the scientific method of experimentation and testing which can be used in science and math classes. They may become the robot designers of the future!

Lego® Mindstorms® Robotics:

Tuesdays Oct. 16, 23, 30, Nov. 6 2012 from 4:00 - 6:00 pm

Cost: \$90

To register, go to <http://denverco.bitsbytesbots.com>

Click on Class & Schedule, After-School Enrichment. Click the Register for Classes link. At the registration service site, choose School Year Programs.

**Bits, Bytes & Bots Computer Adventures,
Denver South 303-841-4411
denversouth@bitsbytesbots.com**

This class
is a blast!

