



## Hello LEGO® and STEM Lovers!

**Adventures with Robots** is an after-school science enrichment program that runs at more than a dozen schools in Montgomery County. Over the last year alone, we've taught more than 1,000 kids, ages 7-11, how to write their first robotics programs or video game programs (or both!) And we do it with **SMALL class sizes**.

Our sequence of robotics classes will keep your child progressing through the year. We offer LEGO® Robotics for beginners; Robo Challenge for those who have some programming experience, and finally, for grades 4 and up, Mindstorms. This is a great way to prepare your students to participate in middle-school robotics programs, including (FIRST LEGO® League, which itself is a precursor to FIRST, the international high-school and college robotics league founded by Dean Kamen, inventor of the Segway). Your students are also welcome to participate in AWR's first robotics competition, which we'll announce in winter of 2012.

We also offer these STEM classes: Electronics, Crime Science, Young Engineers, and StoryBook Science

You can read all about our classes and birthday parties at <http://www.adventureswithrobots.com>. The site includes **plenty of photos and links to videos** from our classes! *We are not affiliated with LEGO®.*

### LEGO® Robotics

Mondays 3:15pm-4:15pm

Dates: Jan 30, Feb 6, 13, 27, Mar 5, 12, 19

*Grades 2-4. Seven meetings, 60 minutes once a week, \$90 per student. Max 12 students. 1 instructor and 1 parent aide Areas of exploration: robotics, programming, logic.*

This is our core class, where beginners learn to build and program LEGO® robots using LEGO® Education's award-winning WeDo robotics and programming software. Students follow step-by-step on-screen instructions to build their robots and a suggested program.

After that, we work with those who are ready to develop more complicated programs involving motion or tilt sensors. In the final class, we take off the training wheels and challenge the students to design and build a bot that can achieve a certain task.

Interested in being the parent aide? Please contact Michelle [info@adventureswithrobots.com](mailto:info@adventureswithrobots.com)

Register Here: <http://flowervalley-lego-mondays.doattend.com/>

**TERMS:** *Tuition is refundable if class does not form or if we fail to deliver on the descriptions above, to your satisfaction. Tuition is not refundable if your schedule changes. Minimum (and max) enrollment is 12. There are no individual make-up days for this class. Students do not take our materials home. We reserve the right to expel your student if s/he harms anyone in class; damages school property; persists in behavior that disrupts class or damages AWR computers or other equipment; knowingly takes home AWR LEGO®s or other equipment; or is unattended by a parent/caregiver when class ends. Parents of expelled students will not receive refunds for remaining classes. Please note: Any materials, including those provided by AWR for use during class, can be harmful if not used as intended.*