Top 10 Reasons why Administrators, Teachers, and Students Love Exploring Robotics

Robots are cool and are guaranteed to increase the popularity of schools, classes, teachers, and administrators! But not all robot programs are the same. Exploring Robotics programs are...

1. **Easy to teach by math, science, or technology teachers:** The self-paced learning curriculum with videos and the turn-key package means that teachers require no background or extra credentials in electronics or engineering to facilitate these robotics programs.

2. **Increases graduation rates:** Provides hands-on, authentic learning activities with project based learning that keep students interested in school, and less likely to drop out. The curriculum also coordinates well with college credit and outreach programs from universities.

3. **Attracts more students (and girls) to STEM programs:** Robots are the Trojan horse method of gaining interest in STEM. The success students have in these classes translate to signing up for other STEM programs. Competitions are also included to make it more fun.

4. **Provides support and professional development:** Teacher professional development is online, and video conferencing with phone sessions help them get started and have success with the program, without expensive travel. Phone, email, and virtual support are also provided.

5. **Scaffolds from elementary to middle and high school:** Introduces engineering and creative thinking concepts in K-5th grade; graphic programming in 6th-7th grade; robotics, electronics, and Basic programming in 8th-10th grade; and Python, C programming, and electronics in 11th-12th.

6. **Applies cross-curricular methods:** Science, math, art, and language arts standards are applied in a project-based learning environment. Authentic math and science problem solving to operate the robot instill a desire to learn. Worksheets and creating reports are also included.

7. **Fits classes, after school programs, or camps:** The flexible lesson plans with modular lessons for 10, 16, or 32 week sessions can be adapted to fit terms or semesters. They can also be coordinated to fit with other STEM programs, or reduced for a shorter camp experience.

8. **Prepares students for 21st century jobs:** Computer science, Engineering, and Electronics are high-demand job skills. These high-tech skills help attract more diverse industries to communities. Python and C languages are used by Google, Yahoo, Cisco, and other tech corporations.

9. **Provides outreach:** The curriculum works well with Blackboard and other learning management systems used for distance or self-paced learning environments. This is an excellent method of providing services to home school, alternative school, and under served student populations.

10. **Affordable:** A class of 24 to 30 students with 10 robots, curriculum, and accessories is around $3,000 to $5,000. The rugged robots can be reused for 4+years with No annual fees. STEM or CTE federal and state funding can be used. What an economical way to engage students in STEM!

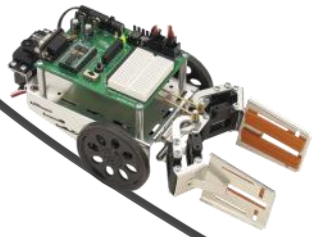
The Path to STEM Success with Robots...

Cubelets (Grades K-5)
Introduce Engineering Concepts
(also works with Legos)

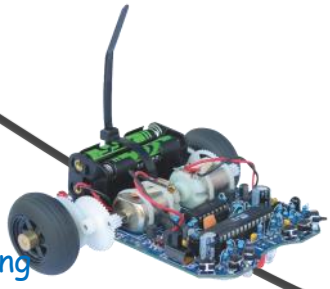
Scribbler Robot (Grades 6-8)
Graphic Programming and
Robot Sensors

Boe-Bot Robot (Grades 8-10+)
Electronics, and
Basic Programming

Boe-Bot Robot (Grades 8-10+)
Engineering Expansion Kit



Scribbler Robot (Grades 10-12+)
Python Programming



ARX ASURO Robot
(Grades 10-12+)
Electronics and C Programming

Interactive Media Publishing
111 E. 1st St. PO Box 1407
Phoenix, OR 97535
Call: **760-650-2687** 8am-5pm Pacific
Email: sales@exploringrobotics.com