

Linkbot: A Remarkable Success!



Thanks to Linkbot and C-STEM, schools across the country have achieved incredible results:

- In a C-STEM Algebra 1 class with **84%** “at-risk” students, they outperformed the district average by **15%** on their district-wide final exam with a score of **83%**. **100%** of these students passed Algebra and their subsequent Geometry classes.
- **100%** of C-STEM Integrated Math I students scored “Standards Exceeded” or “Standards Met” on the Common Core Smarter Balanced Test
- **94%** of students in C-STEM Integrated Math II were able to earn passing marks, compared to the site average of **61%** passing rate in courses not using Linkbots.

“As a teacher of mathematics for the past 28 years, I have to say that this is the best program I have worked with to inspire and focus on most struggling learners in Algebra.”

— Susan Johnston, Math Teacher
Livermore High School, California

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www.barobo.com

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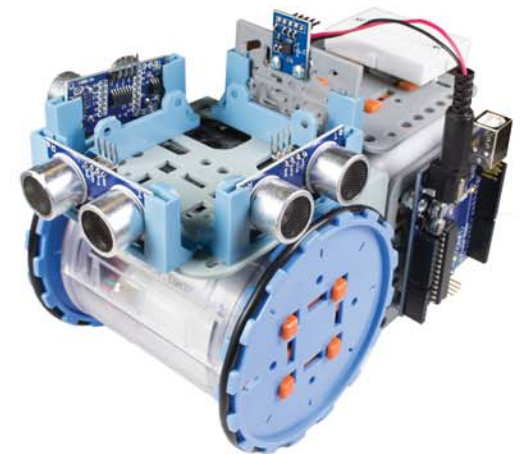
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 **Barobo**

Learning Math
through
Coding and Robotics



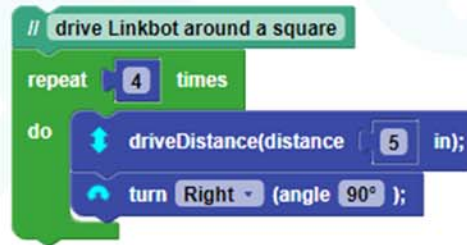
Linkbot is a Breakthrough Modular Robot for the Next Generation of Creators, Makers, and Leaders

Exceptional Educational Value

Custom-designed to teach and learn math, computer science, engineering, science, art using the same robot across K-12 in both classrooms and afterschool programs

Extremely Customizable

- Reconfigurable
- Multiple Linkbots and accessories can be easily snapped together to create various Linkbot systems
- Readily integrate any robot sensor through easy-to-use Barobo Arduino and Raspberry Pi Kits



Easy to Use

- Ready to use out of the box
- Easy to manage in classroom settings
- User-friendly drag-and-drop programming for robots and Arduino in Blockly
- Easily transition to commonly used languages Ch/C/C++ and Python
- Conveniently control multiple robots for real-world applications

Cost Effective

- Competitive pricing
- Affordable for a 1:1 robot to student ratio in the classroom
- Low cost sensor add-ons
- Use the same robot from kindergarten to college
- One investment benefits lifelong learning

Comprehensive Curriculum

The innovative curriculum using Linkbot provides K-12 students with up to 13 years of hands-on integrated math and computer science education.

Linkbot for Robotics Competition

Designed for theme-based level-playing field C-STEM RoboPlay Challenge and Video Competition for students in grades 5-12.

Linkbot for GIRL and GIRL+ Camps

Designed for C-STEM Girls in Robotics Leadership (GIRL) and GIRL+ camps for girls in middle and high schools to learn leadership and STEM concepts through peer mentoring by female college students.

