Barobo RoboBlocky

Expanded Learning with Robotics

A Standards-Aligned TK–12 Learning Solution

Expanded Learning with Robotics extends learning beyond regular classroom instruction through standards-aligned experiences in **mathematics, STEAM, computer science, engineering design, coding, and robotics**. It provides an engaging entry point for students new to RoboBlocky and a natural extension for students already using it in the classroom.

Expanded Learning Program Applications

- Expanded Learning Opportunities Program (ELO-P)
- Afterschool
- Summer programs
- Intersession programs
- Mathematics intervention
- Mathematics enrichment
- MTSS
- Credit recovery
- Academic acceleration
- Makerspaces
- Community programs



Flexible and Sustainable Implementation

- Use the same robot, platform, and coordinated curriculum across grade levels, school sites, and both classroom and expanded learning programs.
- Provide Professional Learning for teachers, expanded-learning staff, paraeducators, and college students
- Develop student leadership through peer mentoring and service learning

Begin with one grade level, school site, or program and expand over time.

Expanded Learning Curriculum

Available for Grades TK–K, 1–2, 3–5, 6–8, and 9–12

Robotics Curriculum

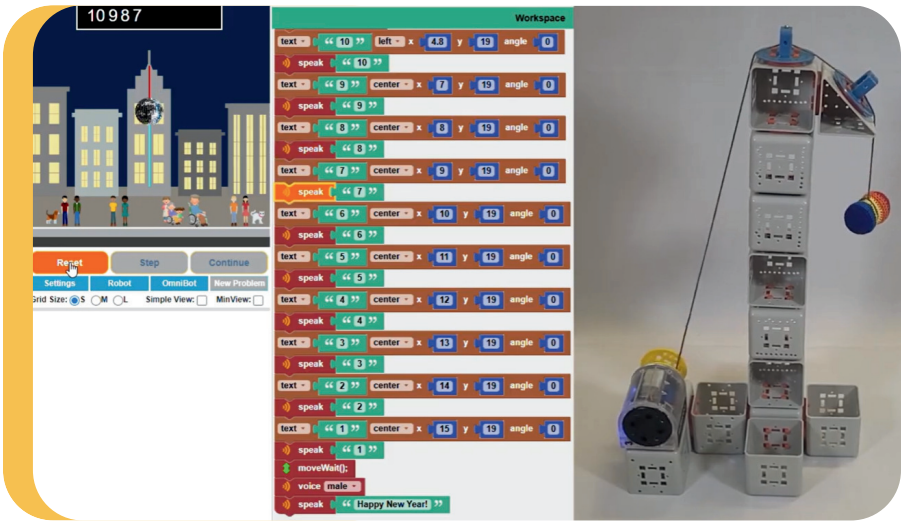
STEAM, computer science, engineering design, robotics, computational storytelling, and project-based learning.

Robotics-Math Curriculum

Grade-level mathematics strengthened through coding, robotics, engineering design, and real-world problem solving.

RoboBlocky Math™

Core, supplemental, intervention, enrichment, and accelerated mathematics instruction.



RoboBlocky connects coding with hands-on robotics.

Explore, Create, and Innovate



RoboParade™ brings students, educators, and families together to celebrate learning.

- Computational Storytelling
- Engineering Design with Robotics
- Design, Build, and Program Their Own Robot Machines
- Arduino and Sensor-Based Robotics

Students strengthen mathematics, computational thinking, creativity, collaboration, communication, and real-world problem-solving skills.

> ***"Happy kids, happy families, happy teachers! The kids had fun, and parents loved it."***
>
> — Greg Miller, Summer Robotics Camp Principal, Orange Unified School District, CA

Explore Expanded Learning

One Robot. One Platform. Unlimited TK–12 Learning Opportunities.

Barobo

www.barobo.com

info@barobo.com

RoboBlocky