



RadRobots

Design, build and code your way to fun!
www.RadRobots.net

Robotics in a box

Prices good from January 1, 2023 through June 30, 2023



Rent complete, turn-key robotics kits.

CHOOSE A ROBOT:

These engaging kits teach robotics, programming, and coding concepts to students. Fun-themed STEM activities that are designed to engage both boys AND girls. A new challenge or game is presented during each lesson and students spend a fun 30-50 minutes engaged in creating hands-on solutions.

1. TINY BOX

About the unit

- Can a 4 year old understand when to use a loop and program a loop command in an algorithm? You bet they can! Tiny the robot teaches coding and robotics concepts to children as young as 4 years old. Tiny is colorfully animated, can move, has great sound quality, 3 different modes and each lesson focuses on a new function and word of the day. Each lesson is also an opportunity to discuss Social-Emotional Learning (SEL) concepts and Community awareness. Tiny is coded using a bluetooth connected coding wand that is tapped on special coding chips in sequence. With multiple sensors, Tiny gives hands-on experience with functions, coding, and more. Each lesson starts with the teacher reading a Tiny the Robot story adventure that students later recreate to build comprehension and coding skills.



Details

- This unit is designed to be more teacher-led since the children are so young
- All materials included*
- No experience necessary (teacher or student)
- 16 + hours of lesson plans/curriculum
- Each lesson comes with a 4-5 minute teacher training video
- Tangible Programming (No Screens!)



2. ROO BOX

About the unit

- Can robots taste colors? Well, Roo the robot can be tangibly programmed by placing special color coding cards in his mouth in sequence. Roo is easy to use for younger students, but even older students will have fun controlling Roo with commands like loops, whitespace and functions! Students will get hands-on experience with gyroscopes, LEDs, sensors, digital sounds and more. Each lesson starts with a story about Roo, a word of the day and a fun challenge or game that is completed to recreate the story.

Details

- Each Roo box can be used by 2-3 students at one time
- No experience needed (teacher or student)
- All materials included*
- 16 + hours of lesson plans/curriculum (12 for ages 5-7 and 4 for ages 8-10)
- Screen-free (no wifi needed)
- Teacher training videos included
- Tangible Programming (No Screens!)



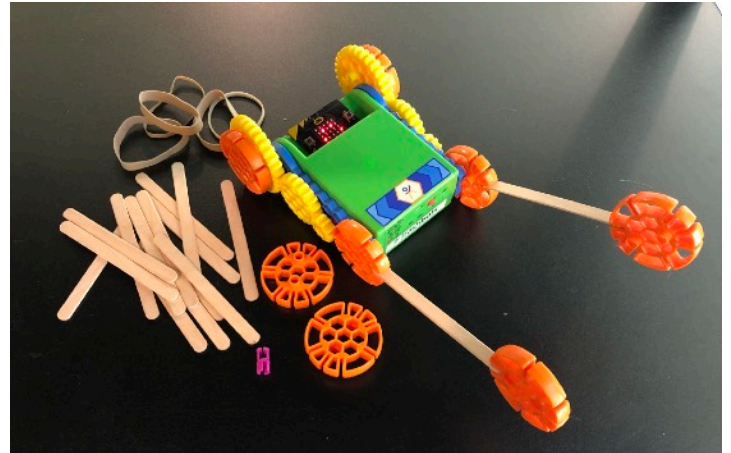
3. MYBOT BOX

About the unit

- MyBot can be built with included gears and other parts to design an endless number of configurations. With its LED lights, servo motors and sensors MyBot can be programmed and designed to compete in challenges. Tangible, analog control and graphical programming modes will give students a varied and exciting experience. Each lesson contains a fun challenge or game.

Details

- Each MyBot box can be used by 2-3 students at one time
- No experience needed (teacher or student)
- All materials included*
- 16 + hours of lesson plans/curriculum
- Teacher training videos included
- iPad needed (no wifi needed)



COST

	Tiny	Roo	MyBot
Age Recommendation	Age 4-6	Ages 5-7 and 8-10	Ages 8-10
Materials	1 Robot and 1 Coding Wand with charging wire, 16 Tiny the Robot storybooks, 36 coding chips, 24 interlocking map pieces, 3 game cards, 4 blocks, 8 coding flags, 3 robot masks, curriculum	1 Robot with charging wire, 1 Roo the Robot storybook, 38 color coding cards, 15 Kinetic game pieces, 1 learning mat, 1 coding crown, Lego tape, curriculum	1 Robot with charging wire, 1 MyBot Adventure storybook, 40 Contraption game pieces, 13 assorted gears, 4 connector pins, 4 rubber bands, wooden sticks, curriculum
Lessons	16 lesson curriculum for ages 4-6	16 lesson curriculum (12 for ages 5-7, 4 for ages 8-10)	16 lesson curriculum for ages 8-12
Rental Cost per Month	\$120	\$60	\$60
Notes	1 robot box per class of up to 10 children	1 robot box per 2-3 students	1 robot box per 2-3 students
			iPad needed

*Materials that you may need: White paper, colored markers or crayons, 3"x 5" index cards, tape, scissors, rulers, and an iPad that supports IOS 12 (such as an iPad mini 2 or greater or an iPad Air of any generation) for MyBot

Robots should be treated gently when in use and stored in a clean, dry and secure indoor space. They should not be brought outside.

Tiny the robot box can be used for a group of 8-10 very young students in a teacher directed format. Roo and MyBot robot boxes can be used by 2-4 students at a time in a more independent discovery format.

Robots can be charged using a standard wall outlet and a multiport charging base (included). Robots can be used continuously for at least 60 minutes and then should be charged for 2-3 hours.

Please reserve boxes at least 1 month before they are needed to give us ample time to prepare. Last minute requests may not be possible.

A 3 month minimum rental is required.

Special:

Buy 4 months get 4 months free PLUS \$15 SHIPPING FEE.

Buy 6 months, get 6 months free PLUS FREE SHIPPING.
