



Bluegrass Educational Technologies, LLC can sell you any VEX Robotics kit and component for the same price as the manufacturer, plus, we're here to support you locally by helping you host and/or participate in [official VEX Events](#). Several starter bundles and classroom lab kits are listed below.

Also, we have several robotics curriculum options:

- Robotics Engineering Curriculum (REC) - two-year robotics course from intelitek; [read the REC brochure \(1 Mb PDF\)](#)!
- [Robotics Engineering CPU \(Career Pathway Unit\)](#) - 15-activity hands-on introductory unit from Applied Technologies

Please contact info@bluegrassnet.com for more information.

Starter Bundles

VEX Robot Starter Bundles are a great place to start when beginning with the VEX Robotics Design System. The Protobot Robot Kit, included in each Robot Starter Bundle choice, provides the perfect foundation for any robotics experience. Follow step-by-step instructions to build the VEX Protobot or VEX Tumbler, or use the 300+ included parts to design your own VEX Robotic creations.



Robot Starter Bundles come in three different configurations: Radio Control, Autonomous Control and Dual Control. With Radio Control, motors connect directly to the 75 MHz Signal Splitter and are controlled using the 75 MHz Transmitter. No programming is required. The Autonomous Control Bundle includes a microcontroller and the robot is operated only using pre-programmed commands. The Dual Control Starter Bundle includes both a microcontroller and a control system, allowing for a combination of programmed commands and user input to control the robot.

When purchasing the Autonomous Control or Dual Control Starter Bundle, you have the choice between the basic PIC Microcontroller or the more advanced and powerful Cortex Microcontroller. Each bundle's control features are compared below. Choose the bundle that best fits your needs.

Starter Bundle with Signal Splitter	Starter Bundle with PIC Microcontroller	Starter Bundle with Cortex Microcontroller
\$299.99	Autonomous Control starts at \$319.99 Dual Control starts at \$419.99	Autonomous Control starts at \$369.99 Dual Control starts at \$549.99
<ul style="list-style-type: none"> • 75MHz Compatible • VEXnet Compatible • 3-Wire Motor Outputs (6) • 2-Wire Motor Outputs • Sensor Inputs/Outputs • Wireless Programming & Debugging • Programmable 	<ul style="list-style-type: none"> • 75MHz Compatible • VEXnet Compatible • 3-Wire Motor Outputs (8) • 2-Wire Motor Outputs • Sensor Inputs/Outputs (16) • Wireless Programming & Debugging • Programmable (easyC for PIC) 	<ul style="list-style-type: none"> • 75MHz Compatible • VEXnet Compatible • 3-Wire Motor Outputs (8) • 2-Wire Motor Outputs (2) • Sensor Inputs/Outputs (20+) • Wireless Programming & Debugging • Programmable (easyC for Cortex)

Classroom Lab Kits

VEX Classroom Lab Kits make it easy to bring the VEX Robotics Design System into the classroom while saving you money. We've put together turn-key bundles of our most popular classroom equipment making it easy to order at a reduced cost. Start with the Classroom Lab Kit, ideal for 2-5 students, then increase the challenge level by adding Expansion Kits for sensors, drive systems and pneumatics. For larger classes, simply add Kits for every additional 2-5 students.

Classroom Lab Kits include everything you need to design, build, power, and operate robots. You have the choice between our basic PIC Microcontroller or the advanced and more powerful Cortex Microcontroller. Increase the challenge level by adding expansion kits for advanced sensors, drive systems and pneumatics. For larger classes, simply add kits for every additional two to five students.

Classroom Lab Kit with PIC



Starting at \$699.99

- (1) Protobot Robot Kit
- (1) PIC Microcontroller V0.5
- (1) 75 MHz Transmitter & Receiver Kit
- (1) Advanced Gear Kit (1) Tank Tread Kit
- (1) Sprocket and Chain Kit
- (1) Servo
- (1) Bumper Switch Kit
- (1) Limit Switch Kit
- (1) 3-wire Cable Bundle
- (1) Inventor's Guide
- (1) Booster Kit
- (1) Smart Charger w/ North American Power Cord
- (1) 7.2v NiCad Robot Battery
- (1) 9.6v NiCad Transmitter Battery
- (1) Autodesk VEX Curriculum

Programming Options:

- easyC V2 for PIC
- easyC PRO for PIC

Classroom Lab Kit with Cortex Microcontroller



Starting at \$849.99

- (1) Protobot Robot Kit
- (1) Cortex Microcontroller
- (1) VEXnet Joystick
- (1) Advanced Gear Kit
- (1) Tank Tread Kit
- (1) Sprocket and Chain Kit
- (1) Servo
- (1) Bumper Switch Kit
- (1) Limit Switch Kit
- (1) 3-wire Cable Bundle
- (1) Inventor's Guide
- (1) Booster Kit
- (2) VEXnet USB Adapter Key
- (1) VEXnet Backup Battery Holder
- (1) USB A-A Tether Cable
- (1) Smart Charger w/ North American Power Cord
- (1) 7.2V NiMH (2000 mAh) Robot Battery
- (1) 8-Bay AA/AAA Smart Battery Charger
- (1) AAA NiMH Rechargeable Battery 6-pack
- (1) Autodesk VEX Curriculum

Programming Options:

- easyC V4 for Cortex

VEX is the official robotics kit for the Technology Student Association and SkillsUSA national competitive events.



Please send me a quote - Fax to (866) 275-4660

Contact: _____

School Name: _____ Title: _____

Address 1: _____ Phone: _____ ext.: _____

Address 2: _____ Fax: _____

City: _____ State: _____ Zip: _____ Email: _____

If you want a price quote for a VEX product you don't see here, do this:

- 1- Go to www.vexrobotics.com, select the products menu and add the desired products to your shopping cart.
- 2- View your shopping cart by clicking the [My Cart Quantity Link](#) (circled)
- 3- Print your Cart display (right click and select "print").
- 4- Fax a copy printout to (866) 275-4660. Include school name, address, contact name, email, and phone number. You will receive a price quote.

Or, simply call 1-866-276-6457 to request a quotation. Our staff can help you identify your needs and find the most inexpensive way to satisfy them.

