

AGES 8+



## Classroom Integration



**VEX AIM** teaches **AI** and machine learning concepts in the classroom through hands-on activities and projects. Students will learn algorithms, data processing, and the practical applications of **AI** in robotics. **VEX AIM** bridges theoretical knowledge with practical skills, allowing students to apply AI and machine learning concepts to real-world robotics challenges.

## VEX AIM Coding Robot

VEX AIM from VEX Robotics provides an immersive, hands-on learning experience and a new approach to computer science education in middle and high school classrooms. **VEX AIM** from **VEX Robotics** is designed to introduce students to the principles and applications of artificial intelligence and machine learning. By incorporating AI and machine learning into robotics education, **VEX AIM** engages students in cutting-edge technology, preparing them for future careers in STEM fields.

### Features

- Backlit touchscreen
- **AI** Vision Sensor
- Remote control
- Omni-directional drive
- Multi-color **LED** markers
- Rechargeable battery
- Built-in ball launcher
- Accessories: AprilTag signs, barrels, soccer ball
- **STEM Labs** plug-in lessons



## Teaching Computer Science

VEX AIM emphasises critical thinking, problem solving, and computational thinking skills. Its STEM Labs and project guides will support educators and students in learning and applying AI concepts to the world around them.



## Computer Science Continuum

The VEX CS Continuum offers a seamless way for schools to enhance students' computer science learning journeys from KS1 to KS4+. Unlike traditional pathways that often involve abrupt transitions between programming environments and languages, the VEX CS Continuum ensures a smooth progression.



Computer Science for All Ages

The VEX CS Continuum scaffolds students through various stages, starting with a hands-on introduction to sequencing with VEX 123, to block-based and text-based programming, and ultimately using a professional integrated development environment. The VEX CS Continuum is a carefully structured progression tailored to support learners as they progress through computer science education.

## Free Educational Resources

VEX Robotics offers a hub of resources to get started with, and return to over time as you continue on your STEM teaching journey. The free, online, self-paced **Certification in VEX PD+** will guide you through the basics of building, coding, and teaching with VEX AIM.

**Library.vex.com** is an online encyclopedia of all things VEX, where you can search and find articles to answer questions, help troubleshoot, or learn more about using VEX AIM with your students.

**GetStarted.vex.com** gives you the quick links you need to dive into your journey with VEX AIM.

## VEX AIM Field

Everything you need to build a VEX AIM Field.

This pack contains  
(4) Field Tiles and  
(8) Wall pieces.



£23.74

SKU: 248-7350

## VEX PD+

**VEX Professional Development**

**Plus** is a professional learning community for the ongoing PD you need, when you need it.

**Connect with VEX Experts** and educators around the world!

£739.99 per year

SKU: 210-8353



## VEX AIM Coding Robot Kit

Start your VEX AIM journey with one of our Coding Robot Kits.

- (1) AIM Robot
- (1) One Stick Controller
- (1) Storage Case
- (1) USB Cable
- (3) Orange Barrels
- (3) Blue Barrels
- (2) Sports Balls
- (5) AprilTag Signs

£179.99

SKU: 249-8581



## VEX AIM Classroom Bundle

A **complete solution** for individual classrooms - bundles include; Robots, Accessories, Fields, charging cables and storage cases.

	1x Classroom Bundle	2 x Classroom Bundles	3 x Classroom Bundles
Number of Students	12	24	36
Number of Robots	6	12	18
	£999.99 SKU: 249-9301 x1	£1,999.98 SKU: 249-9301 x2	£2,999.97 SKU: 249-9301 x3

All VEX AIM Classroom Bundles are delivered free of charge to UK mainland addresses.

## The VEX Robotics Continuum of Classroom STEM Solutions

