VEX GO®

STEM Starts Early

Ages 8 +

Robot Insitute of Hong Kong
Authorised Partner of VEX Robotics's Products in Hong Kong

VEX Robotics covers Pre-K to College. We provide tools, curriculum, and professional development to support you and your students at every stage in the VEX ecosystem.

27,000
Participating Teams

1,000,000
Students Reached Annually

70+
Countries Represented

22,000
Participating Schools

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VEX GO

Ages 8+

STEM Starts Early for Ages 8+

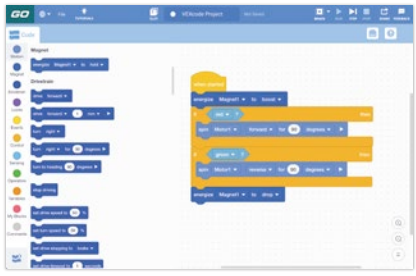
An affordable construction system that teaches the fundamentals of STEM through fun, hands-on activities that help young students experience coding and engineering in a fun and positive way!

Getting Organised is a Snap!

Colour-coded VEX GO parts help teachers to stay organised and allows students to quickly differentiate between pieces, making it quicker and easier to follow instructions.

Complete STEM Solution

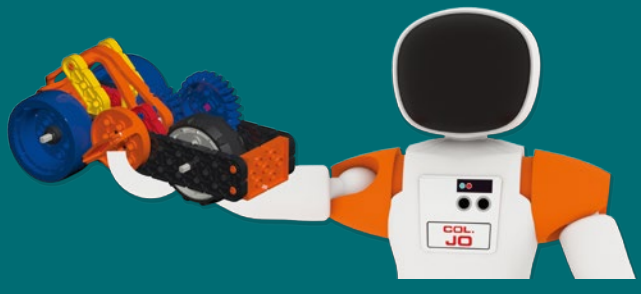
VEX GO lessons cover all aspects of STEM, not just computer science. Explore coding, fractions, energy, lifecycles, simple machines, design and much more!



Powered by Scratch Blocks

VEXcode GO - available for tablets, Chromebooks, Mac and Windows devices - allows you to teach sequence , selection , iteration, variables and more!

Free STEM Labs and Activities



Our free STEM Labs lesson plans and Activities cover all aspects of STEM and incorporate other key subjects such as English and Art.

They contain everything a teacher needs including handouts, presentations and videos. No prior STEM teaching experience is required to deliver rich lessons with VEX GO.

Free VEX GO Challenge

VEX GO Classroom Challenge

This classroom-based competition allows students to earn recognition for the work they do when completing STEM Labs. By earning Star Points, students can gain Achievement Awards as they work through the 4 levels of challenges.

VEX GO Competition

Bring competitive robotics to your classroom! Design robots to explore Mars, monitor the oceans, build a village or search and rescue after a natural disaster! Students will compete with their classmates and put their robot driving and coding skills to the test!

Find out more at roboticseducation.org/vex-go

VEX GO

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VEX Classroom

Learning Support

Engaging

VEX GO is a construction system that includes fun, collaborative, hands-on, minds-on activities that encourage all students to participate.

Innovative

VEX GO invents contemporary ways of structure and design by establishing distinctive patterns, colors, and composition techniques.

Accessible

Minimal instructions are needed before students are able to dive straight into the exploration of their VEX GO Kit.

Courses

The following courses are suitable for applying for the "School IT Innovation Laboratory Scheme" or the "Quality Education Fund"

STEM Robotics Program

Using the VEX GO Robotics Kit, this initiative seamlessly integrates with schools to enhance students' STEM abilities. The curriculum includes workshops for active learning and real-world application.

Robotics Programming Certification Course

This course is dedicated to inspiring students' interest in robotics technology, gradually learning how to design, build and program robots, and through practical operations, enabling the robots to complete specified tasks. The course proceeds from the shallower to the more advanced, comprehensively improving students' understanding and application abilities of robotics technology.

VEX GO Classroom Bundles

VEX GO Classroom Bundles are the perfect solution for individual STEM classrooms or for sharing resources between multiple classrooms and year groups. The bundles contain everything needed: multiple kits, spare parts, chargers and a storage solution that makes it easy to keep everything together or move from classroom to classroom.

GO Kit
269-6705

VEX GO Kits are pre-sorted into a convenient reusable carrying case which keeps the parts organised and easily accessible.

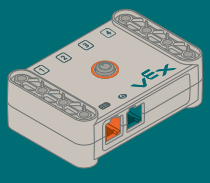
Includes:

- (1) Robot Brain
- (3) Motors
- (1) Battery
- (1) Switch
- (1) Eye Sensor
- (1) LED Bumper
- (1) Electromagnet
- (1) USB Cable
- (1) Tile
- (1) Pin Tool
- (220) Structural Parts
- (53) Motion Parts
- (1) Astronaut Figure
- (2) Storage Cases

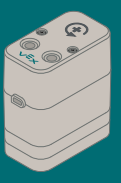
Classroom Bundle Contents

	Small Classroom 269-7781	Classroom 269-7780	Large Classroom 269-7782
# of Students	10	20	30
Carrying Cases for Kits	1	2	3
Go Kits + Storage, Field Tile	5	10	15
Spare Parts Bin + Extra Parts	1	2	3
Charger for all 5 Batteries	1	2	3
Carrying Case for Fields, Walls	1	2	3
Walls for Classroom Field	12	24	36
Extra Pin Tools	5	10	15
Parts Posters	1	2	3

Simple, Flexible, Programmable



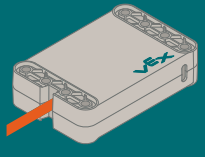
Brain
Connect via Bluetooth to a tablet, Chromebook, Windows or Mac device to code using VEXcode GO. Built in gyro and accelerometer to help your robots move with precision!



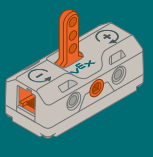
Motor
Each kit contains 3 motors to bring your creations to life and give your robots accurate movement.

LED Bumper
An input and output in one! Detect when the bumper is pressed and control the colour of the light.

Electromagnet
Collect and drop the Disks included in all VEX GO kits using the Electromagnet.



Battery
Essential for any VEX GO build that includes electronics. Recharge via the USB-C connector.



Switch
Control a motor or the LED Bumper without the need to code by connecting them to a battery via the Switch.

Eye Sensor
Detect the proximity of objects, their colour and light level using the Eye Sensor.

Instant answers to almost any question at **help.vex.com**

Scan to find out more