

Roboblog

Programmable Edutainment Robot

Robobloq is a leading solution provider for STEM education.

Based in Shenzhen, Robobloq is a high tech pioneer in artificial intelligence study and STEM educational products development.

We are dedicated to providing end-to-end solutions including STEM learning tools, teaching materials, robot competitions and international exchanges for educators worldwide.

As a one-stop solution developer and integrator for STEM (Science, Technology, Engineering, Mathematics) education, the Robobloq platform combines sturdy aluminum mechanisms, intelligent wireless electronic modules and easy-to-use drag-and-drop graphical programming software and applications.

Robobloq can be easily set up to create robots and IOT devices such as line-following toy cars, robotic Arm and even prototypes of professional equipments.

Robobloq empowers children and students to develop hands-on ability and coding skills and to bring their innovative ideas to life.

Who is Robobloq

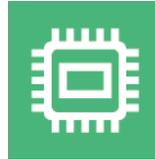


Robobloq Product Concept



MECHANICAL

The Robobloq Robot construction platform consists of 500+ anodized aluminum parts including beams, gears, shafts and motors which are all under one standardized uniform design. They are non-toxic, harmless, sturdy, re-useable and fully compatible with Lego blocks.



ELECTRONICS

Robobloq has more than 40 different electronic modules

Moreover, our modularized electronics are compatible with most mainstream coding languages including Arduino, JavaScript, C++ and Apple SWIFT. Our applications and mechanical parts are designed to make play more fun!



SOFTWARE: ROBOBLOQ

Robobloq is an ideal tool for users to learn coding from kid-friendly drag-and-drop coding to more advanced programming languages like Python, JavaScript and even Apple Swift coding. Robobloq empowers the kids necessary ability to meet future AI-related requirements.



PERFECTLY COMPATIBLE WITH LEGO!

Bring vitality and vigor to your Lego
with our smart and programmable robot blocks!



ROBOBLOQ DESKTOP APP



More than coding skills, this is an incredible space for imagination.

Robobloq desktop app has simplicity, variety and creativity: the easiest graphical programming strings together robot control, AI and IoT, taking Robobloq's robotic ecosystem up a new level.



ROBOBLOQ + AI

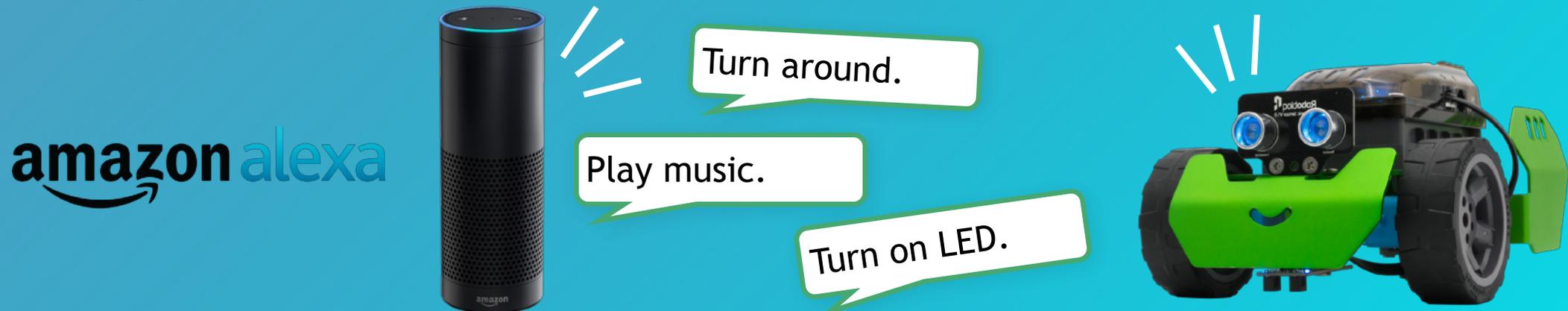


With Robobloq robots, users can have a taste of technologies from future: natural language processing, image recognition, etc. We embedded technologies from Microsoft and Amazon.

Robobloq APP embedded with Microsoft Cognitive Services



Robobloq APP embedded with Amazon Alexa Services



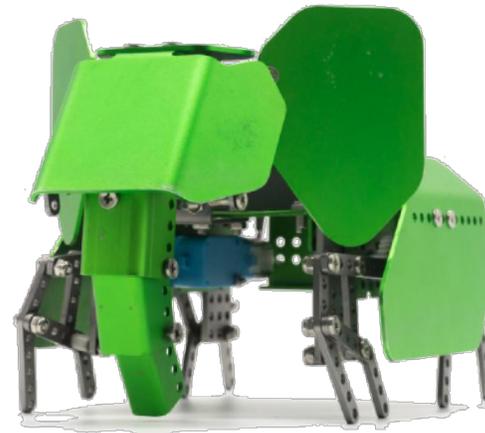
PRODUCTS AT A GLANCE



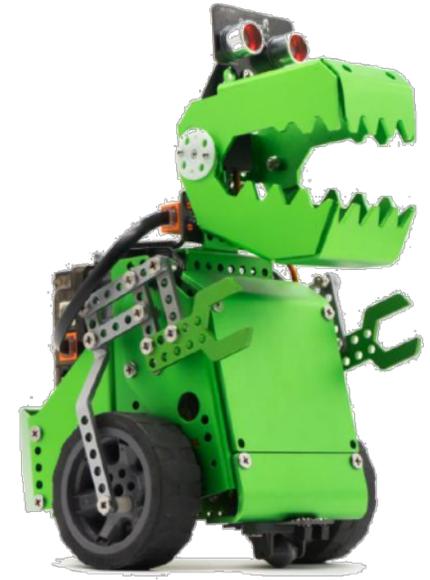
Qoopers



Q-scout



Q-elephant



Q-dino

Qoopers

A 6-in-1, transformable robot building & coding kit. Qoopers comes with military-style metallic look, changeable battle forms and easy-to-use, Scratch 3.0 based graphical coding. With its rich extension capabilities, Qoopers offers the best robot building and coding experience.



FEATURES



Multiple forms

On top of a top-notch metal robot building experience, Qoopers has 174 parts to stimulate your creativity.



Powerful microcontroller

Qmind Plus is customized based on Arduino Mega 2560. It has up to 8 extension ports, with embedded LED, Bluetooth transmitter and a buzzer that are all programmable.



Arduino based & graphical programming

The combination of Arduino and a Scratch 3.0 based graphical programming environment covers both entry-level and higher-class development needs with superior hardware compatibility.



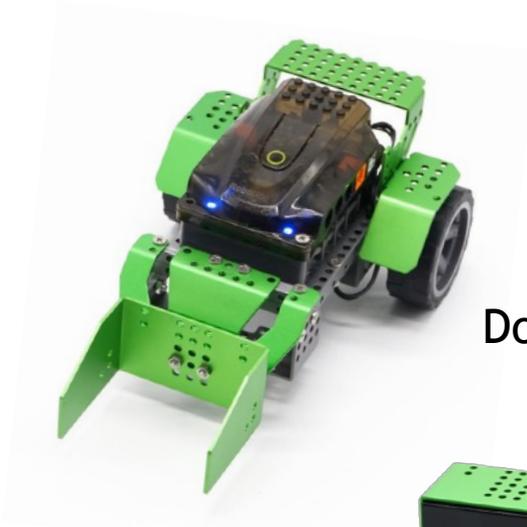
Extensions

The ever-growing list of sensors and electronic modules contribute to a complete robot building platform.

Programmable robot made cooler

Metal Body | Transformable | Drag-and-drop Programming

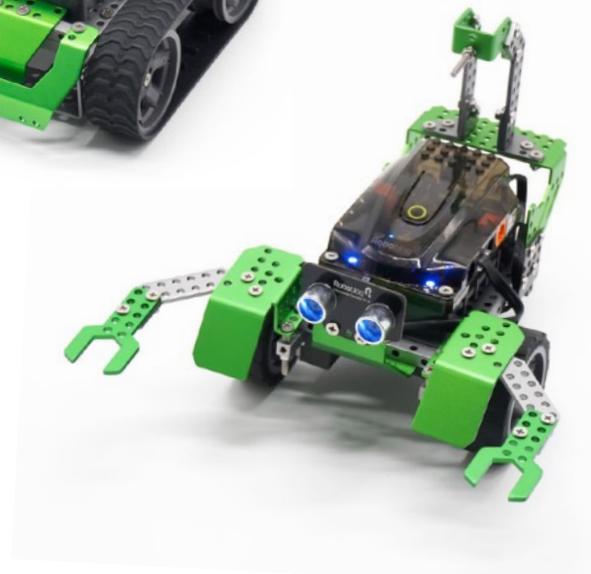




Dozer



Captain Alloy



Scorpoid



Li'l Guardian



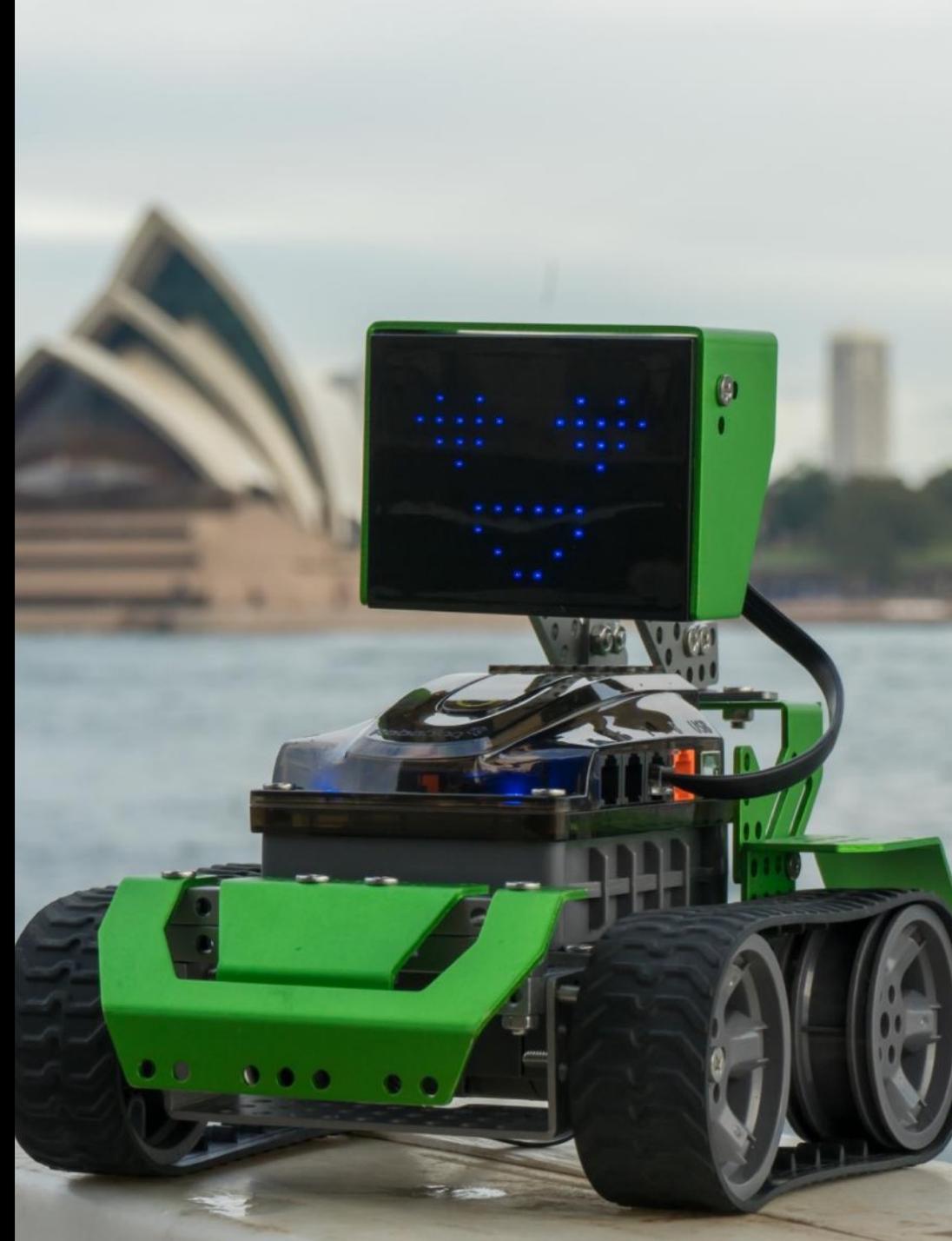
The Cavalier



The Voyager

SPECIFICATIONS

Types of parts	47
Total parts quantity	174
Color of pars	Green & Grey
Motor	520 encoder motor (metal gears)
Microcontroller	Qmind Plus (Arduino Mega 2560)
Communication	Bluetooth (consumer package) Bluetooth dongle (education package)
Ports	6 ports for sensors, 2 ports for motors
Inputs	1xButton, 1xUltrasonic Sensor with 6 built-in RGB LEDs
Outputs	1xBuzzer, 2xRGB LED, 1xLED Matrix 14x10
Battery	six AA baterries
Software	Robobloq APP(Mac, Windows, Linux, iOS, Android)
Assembled Dimensions	214x248x166mm
Package Weight	1920g



Packing:



Model	Giftbox size(mm)	CTN Dimension(mm)	CTN Weight(KGS)	CTN Qty.	20GP	40GP
Qoopers	235*219*87mm	490 x 465 x 245	19.3	10PCS	3840PCS	8000PCS

Q-scout

Entry-level robot building & coding kit. This cute robot has 20-minute building time, along with a Scratch 3.0 based graphical coding environment. Featuring ultrasonic obstacle dodging and automatic line tracking, Q-scout is fun scientifically with expanding capabilities. Q-scout is the best option as a kid's first robot.



FEATURES



Metal robot building platform

A real robot building experience with metal. This is a cost-friendly and easy-to-use robot building platform.



Classic sensor set

Ultrasonic & line tracking sensors are scientifically fun and adequately programmable.



Arduino based & graphical programming

The combination of Arduino and a Scratch 3.0 based graphical programming environment covers both entry-level and higher-class development needs with superior hardware compatibility.



Extensions

The ever-growing list of sensors and electronic modules contribute to a complete robot building platform.



SPECIFICATIONS

Robo



Types of parts	24
Total parts quantity	65
Color of pars	Green & Grey
Motor	hobby motor (blue)
Microcontroller	Qmind (Arduino Uno)
Communication	Bluetooth (consumer package) Bluetooth dongle (education package)
Ports	3 ports for sensors, 1 port for motor
Inputs	1xButton, 1xUltrasonic Sensor with six built-in RGB LEDs , 1xLine-Tracking Sensor
Outputs	1xBuzzer, 2xRGB LED
Battery	six AA baterries
Software	Robobloq APP(Mac, Windows, Linux, iOS, Android)
Assembled Dimensions	189x115x152mm
Package Weight	1100g





Packing:



Model	Giftbox size(mm)	CTN Dimension(mm)	CTN Weight(KGS)	CTN Qty.	20GP	40GP
Q-Scout	230*192*128	655 x 482 x 225	12.5	10PCS	2880PCS	6120PCS

Q-elephant

With 267+ pieces of metal parts and electronic modules you can build a majestic elephant which seems it travelled through time. The 8-legged structure added to the fun of building and playing! One little surprise - it can transform to a unicorn form with flapping ears!



FEATURES



2 in 1 kit

267+ pieces enables you to build two robot forms, an elephant and a unicorn, each having identical movement styles.



Mechanical structure

Q-elephant robot kit is complex to build. The creatively designed mechanical structure gives the robots interesting movements.



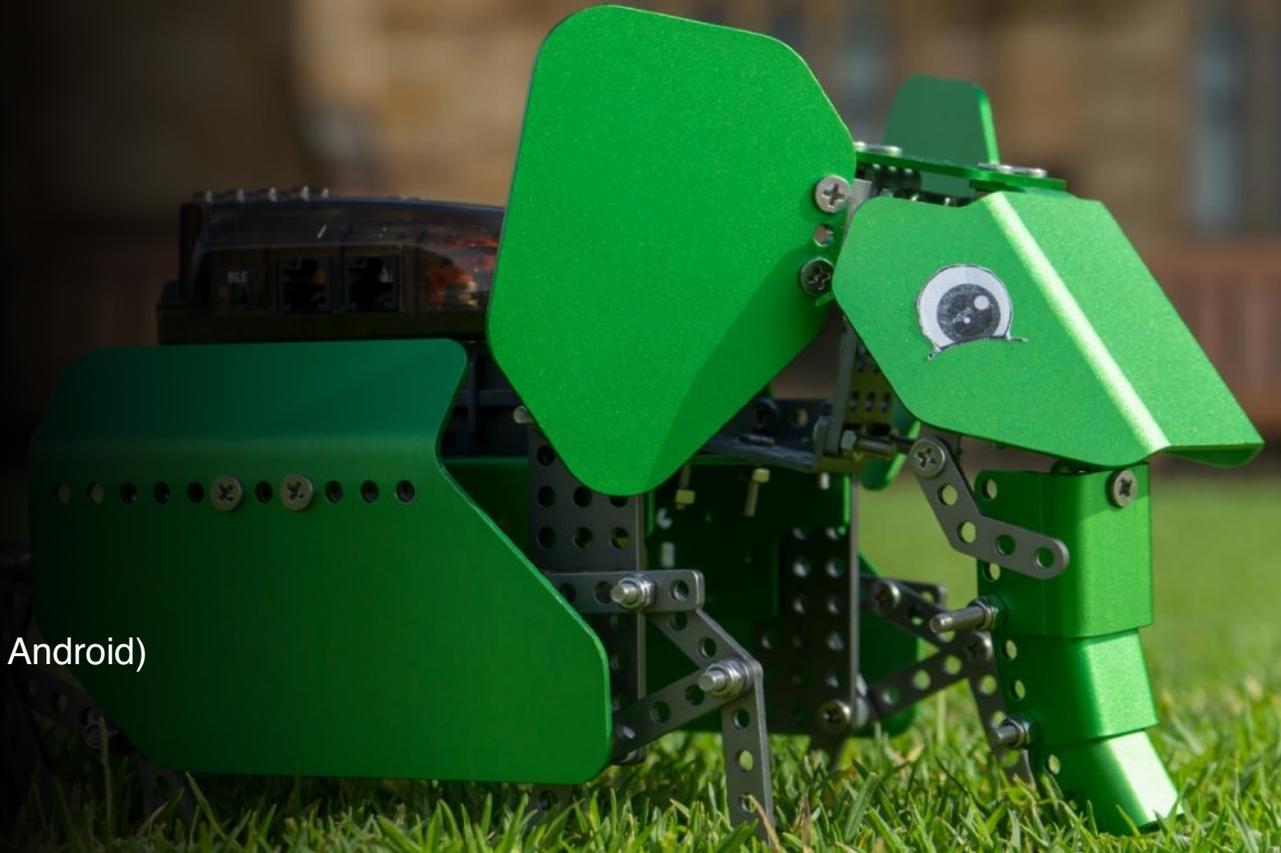
Arduino based & graphical programming

The combination of Arduino and a Scratch 3.0 based graphical programming environment covers both entry-level and higher-class development needs with superior hardware compatibility.



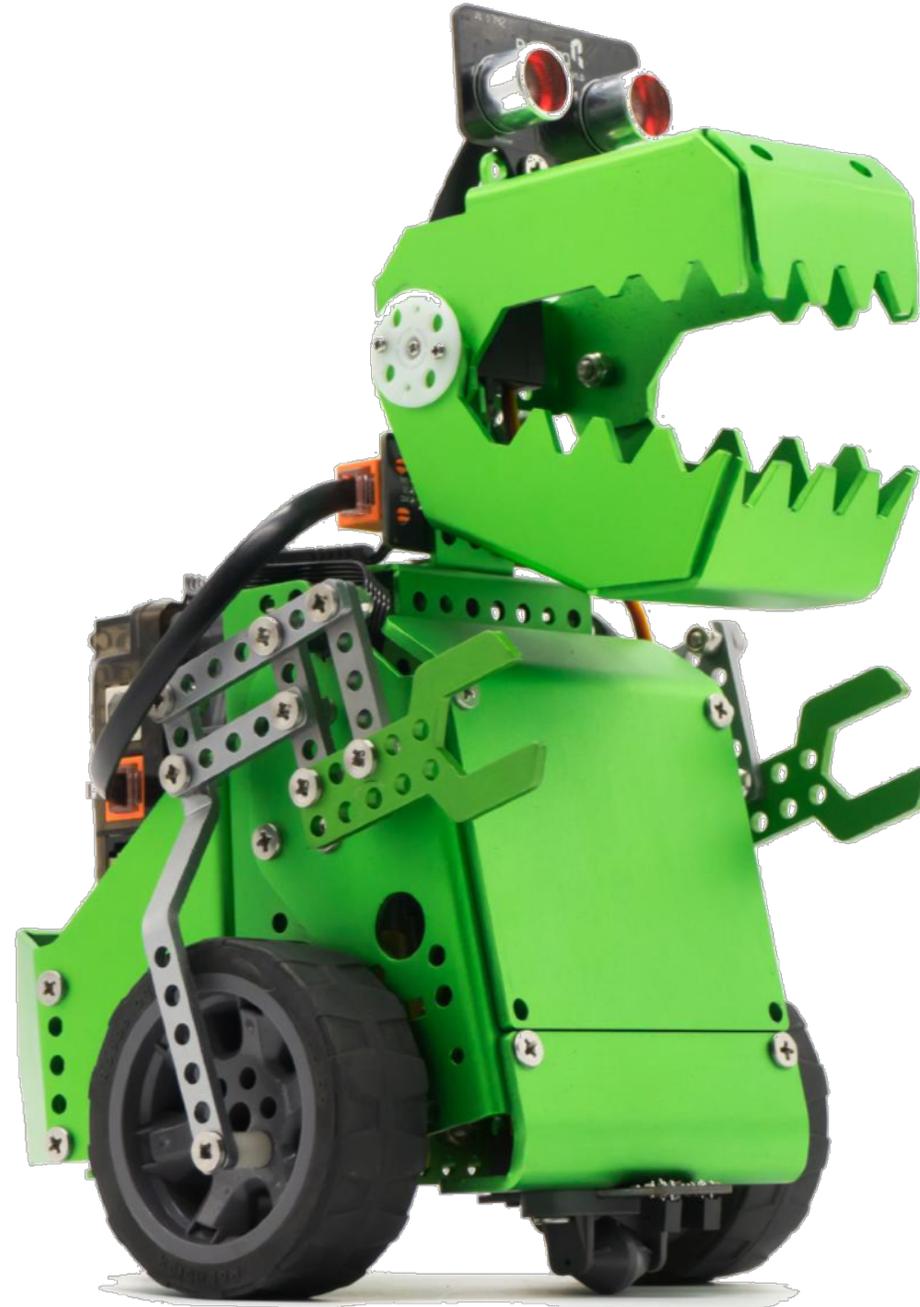
SPECIFICATIONS

Types of parts	41
Total parts quantity	267+
Color of pars	Green & grey
Motor	180 metal gear motor
Microcontroller	Qmind (Arduino 328P), 4 ports
Communication	Bluetooth 4.0
Inputs	1xButton
Outputs	1xBuzzer, 2xRGB LED
Battery	six AA baterries
Software	Robobloq APP(Mac, Windows, Linux, iOS, Android)
Assembled Dimensions	250mm x 170mm x 165mm
Package Weight	960g



Q-dino

Q-dino strikes you as one of the cutest robot dinosaurs with its wiggling arms and biting jaw. An embedded DC motor driver brings extra fun to coding with it. Q-dino has an crocodile iteration with long tail, enjoy building!



FEATURES



2 in 1 kit

Apart from its T-Rex form, Q-dino can also become a crocodile with long tail.



Mechanical structure

The arms on Q-dino are attached to its wheels, and they wiggle as the robot moves about. A small creation like such inspires kids to explore more mechanical possibilities.



Arduino based & graphical programming

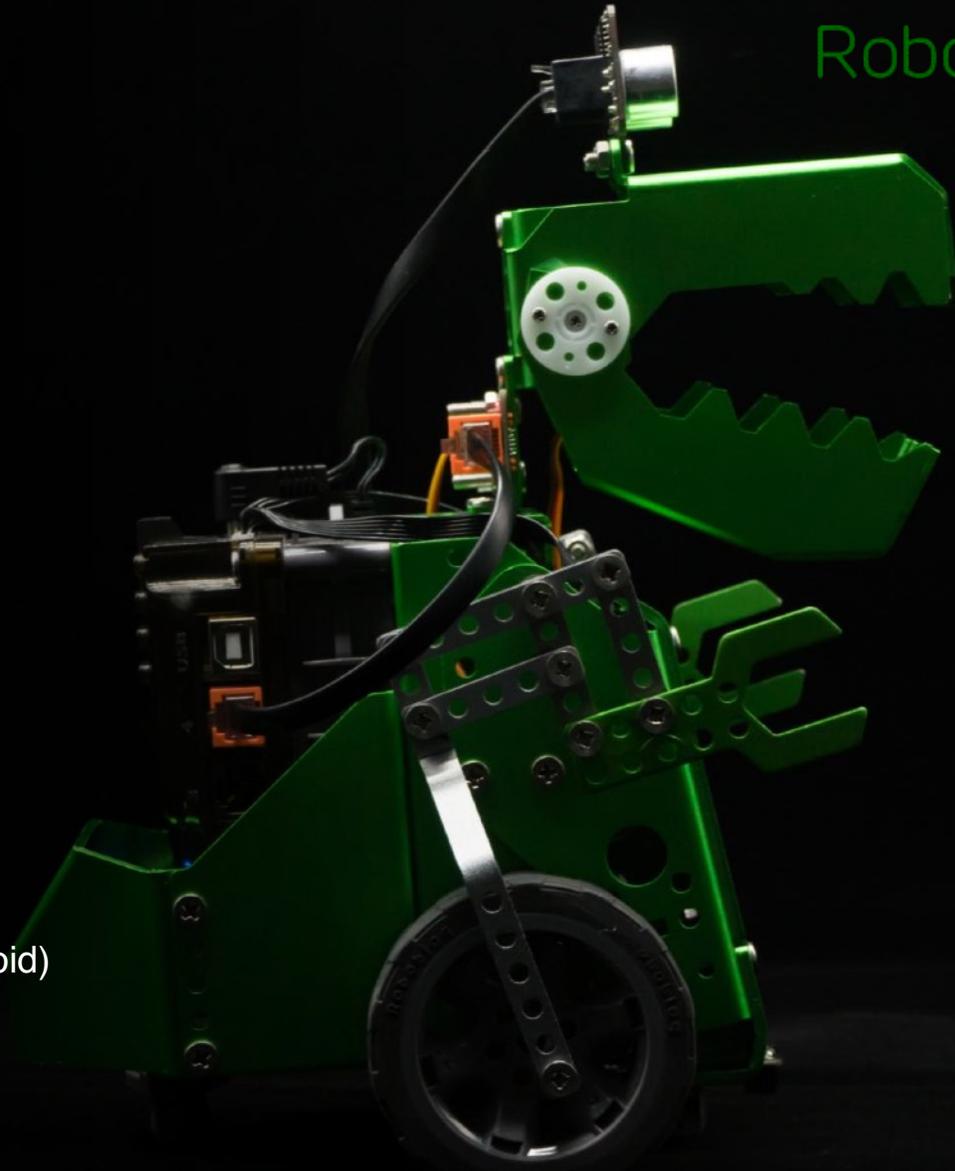
The combination of Arduino and a Scratch 3.0 based graphical programming environment covers both entry-level and higher-class development needs with superior hardware compatibility.



SPECIFICATIONS

Roboblog

Types of parts	54
Total parts quantity	231
Color of pars	Green & grey
Motor	180 metal gear motor
Microcontroller	Qmind (Arduino 328P), 4 ports
Communication	Bluetooth 4.0
Ports	3 ports for sensors, 1 port for motor
Inputs	1xButton, 1xUltrasonic Sensor
Outputs	1xBuzzer, 2xRGB LED
Battery	six AA baterries
Software	Roboblog APP(Mac, Windows, Linux, iOS, Android)
Assembled Dimensions	210mm x 170mm x 335mm
Package Weight	1100g





Model	Giftbox size(mm)	CTN Dimension(mm)	CTN Weight(KGS)	CTN Qty.	20GP	40GP
Q-Scout	230*192*128	655 x 482 x 225	12.5	10PCS	2880PCS	6120PCS

SENSORS

Our careful selection of electronic modules that helps you understand the nature in a scientific way.

The Robobloq sensors can be applied to any robot kits and be programmed using Robobloq APP across PC and smartphones.



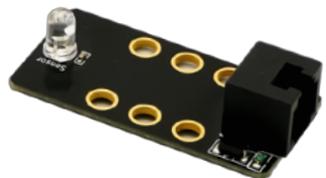
Line follower



Gyroscope



Color



Light



PIR motion



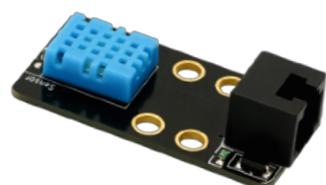
Ultrasonic



Sound



DC motor driver



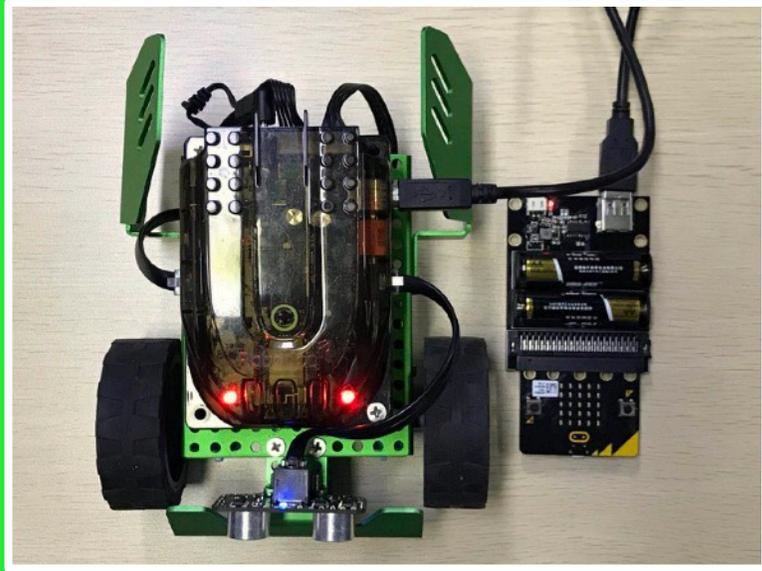
Humidity & Temperature



MP3 module



ROBOBLOQ + MICRO:BIT



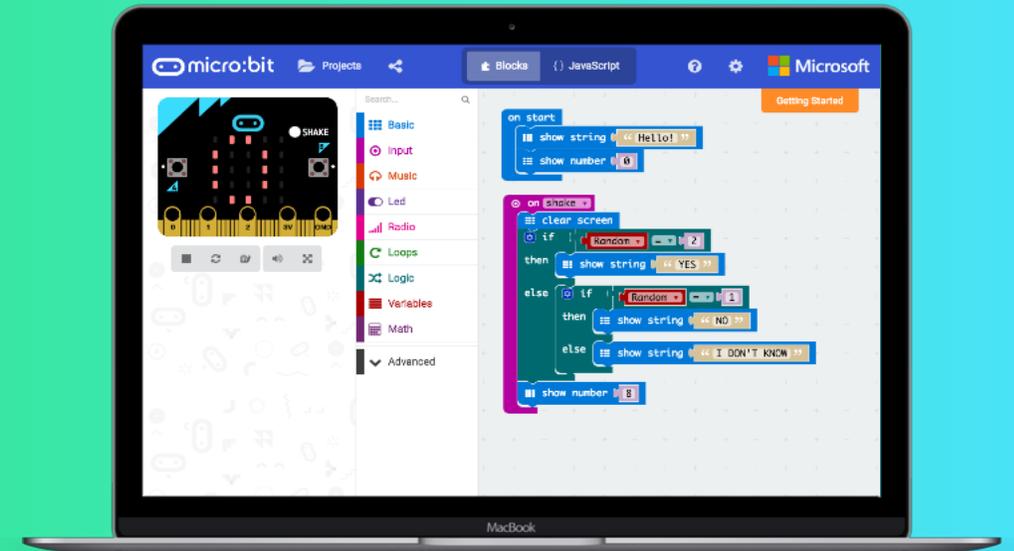
NOW EVEN BETTER WITH ROBOBLOQ ECOSYSTEM

With a small piece of shield, simply connect a micro:bit board to Robobloq robots' own Arduino board, then use micro:bit coding methods to control Robobloq robots.

As a great tool for kids to master coding, now micro:bit is even better with Robobloq's robot building platform, enabling more possibilities in STEM education.

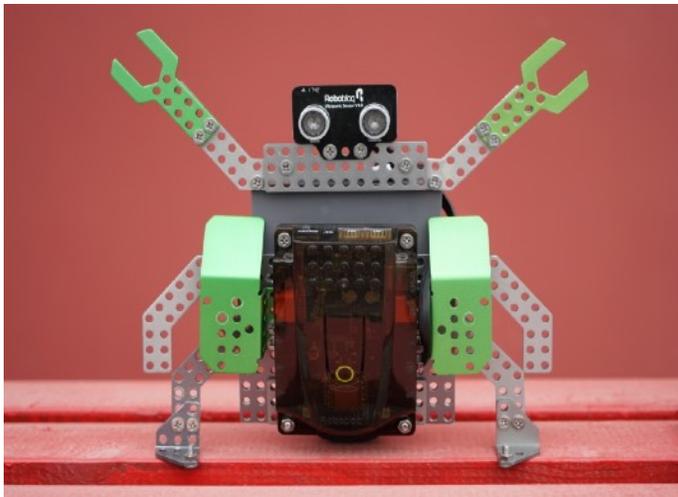
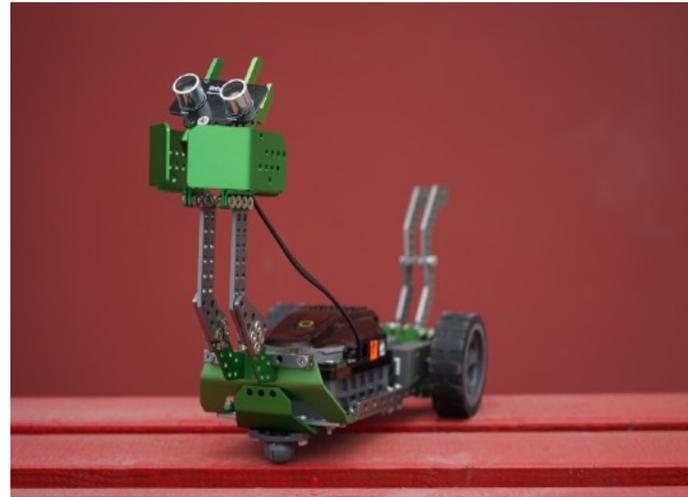
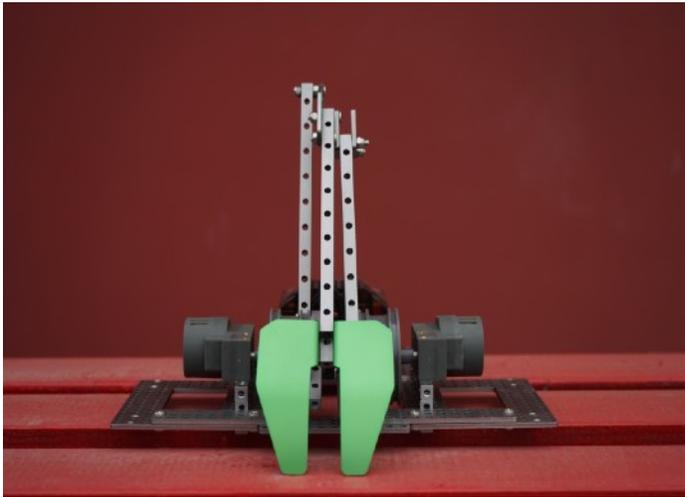
THE ENVIRONMENT: JAVASCRIPT BLOCKS EDITOR

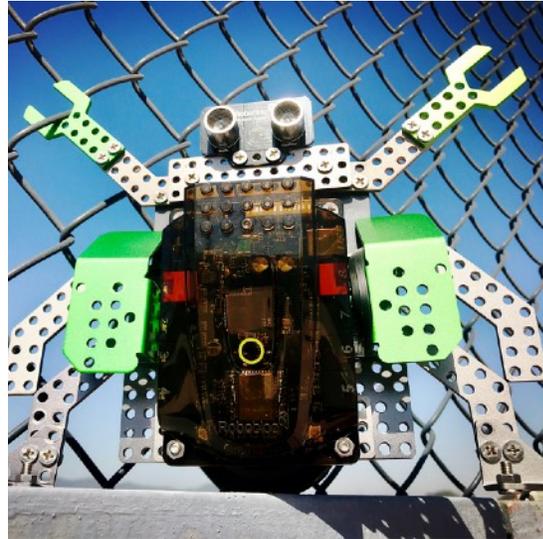
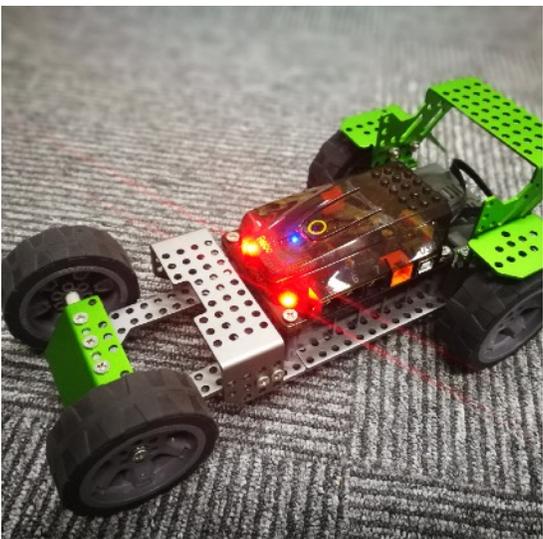
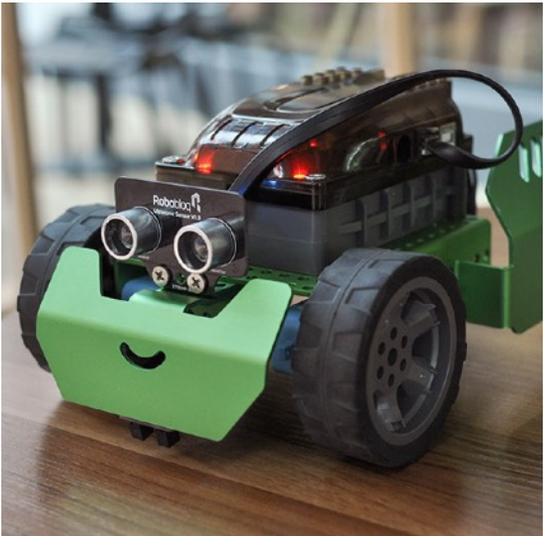
JavaScript Blocks editor makes it easy to program micro:bit in Blocks and JavaScript. By simply adding Robobloq's package in form of an URL, you can customize this environment and make it specialised for coding Robobloq robots.



New Transformation New Play







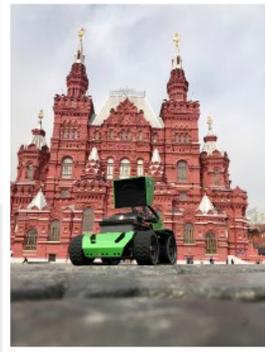
ROBOBLOQ GLOBALLY

Since its establishment in late 2017, Robobloq products has been well acknowledged worldwide.

We gained partners globally.



 
London Moscow



 Tokyo

 Las Vegas



 Chengdu

 Singapore, Kuala Lumpur



 Sydney



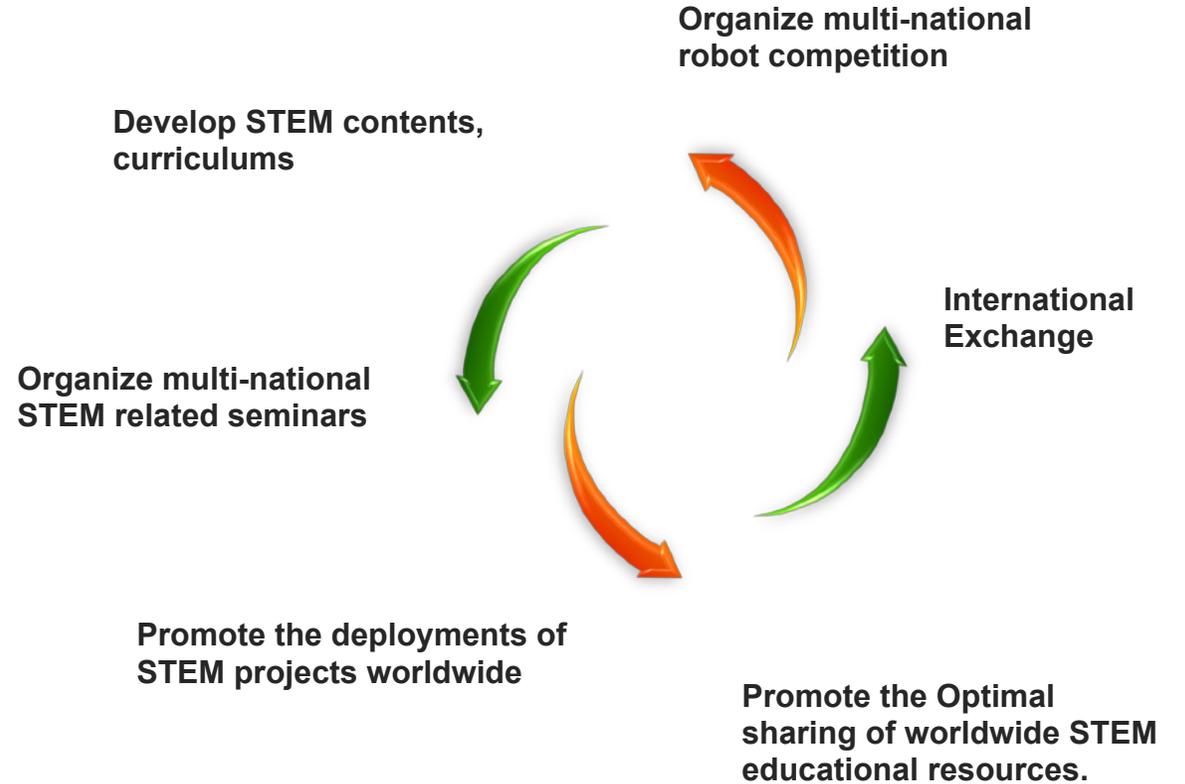
ROBOBLOQ > 2000 stores



The image displays a collage of e-commerce websites featuring the Robobloq Q-Scout robot kit. The websites shown are:

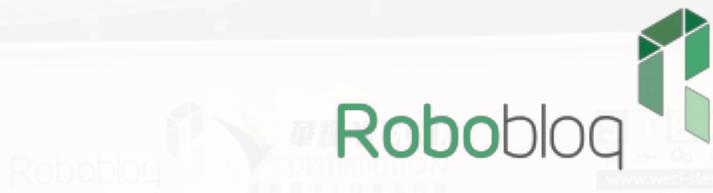
- Fortress:** Robobloq Q-Scout 入門級可編程機械人 (Robobloq Q-Scout Beginner Programmable Robot Kit)
- JB Hi-Fi:** Robobloq Qoopers 6-in-1 Robot Kit. Price: \$299. Features: Modular design, Powerful with rich extension capability, Wireless control over Bluetooth 4.0 using Robobloq App.
- RadioShack:** Robobloq Qoopers. Price: \$89.00. Features: FREE SHIPPING, RETURNS ARE ALWAYS FREE.
- Boulanger:** VOTRE RECHERCHE : ROBOBLOQ (2 résultats). Price: 99€99.
- Fnac:** Robobloq. Price: \$169.00.
- Fry's.com:** Robobloq. Price: \$99.99. Features: Livraison gratuite en magasin, Paiement en 3 ou 4 fois sans frais par CB.

INTERNATIONAL EXCHANGE CENTERS:



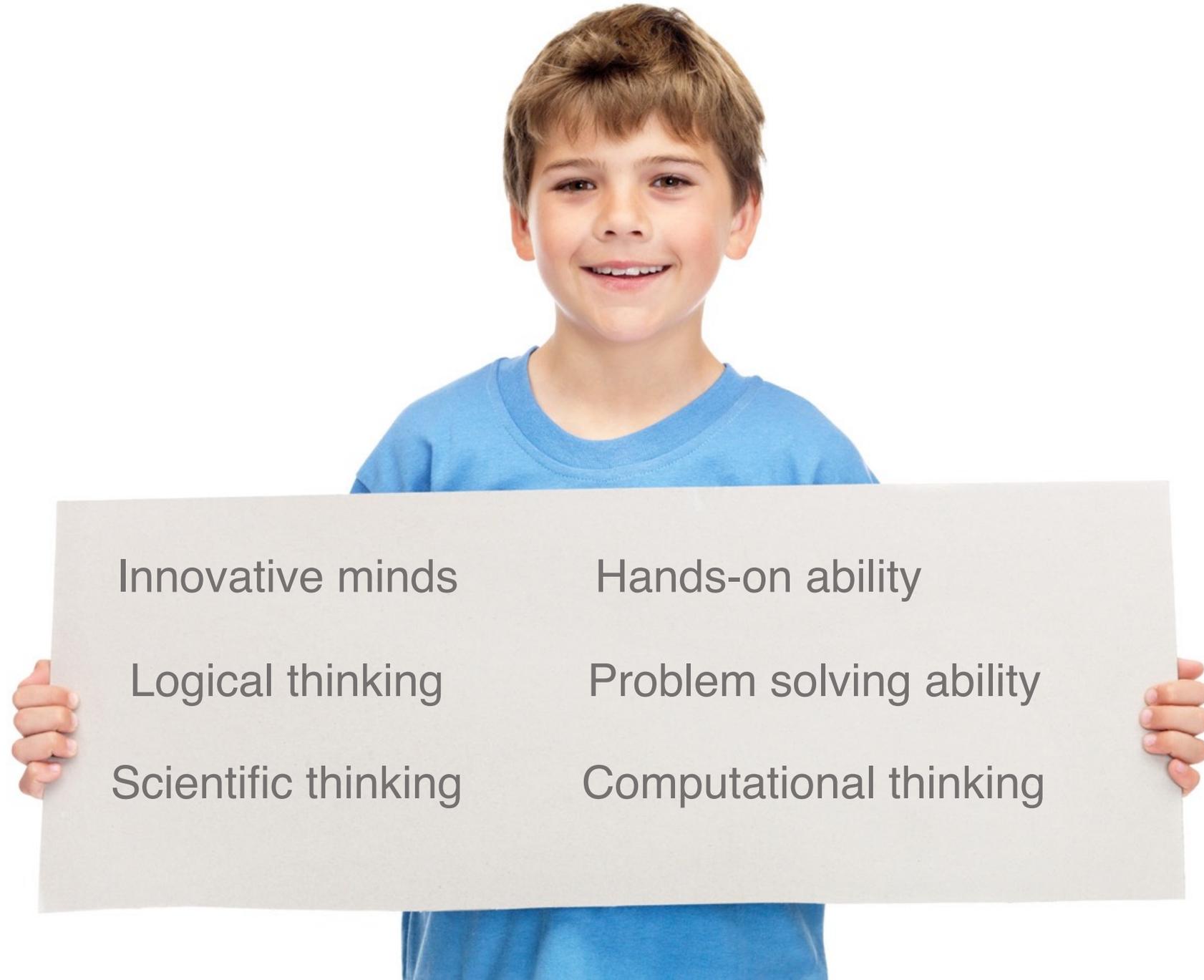


ROBOT COMPETITION



As a robot building platform with plenty of hardware and software options, Robobloq products are ideal devices used to deal with many types of challenges in competitions.





Innovative minds

Hands-on ability

Logical thinking

Problem solving ability

Scientific thinking

Computational thinking