Build & Code with CHINGUBOTS

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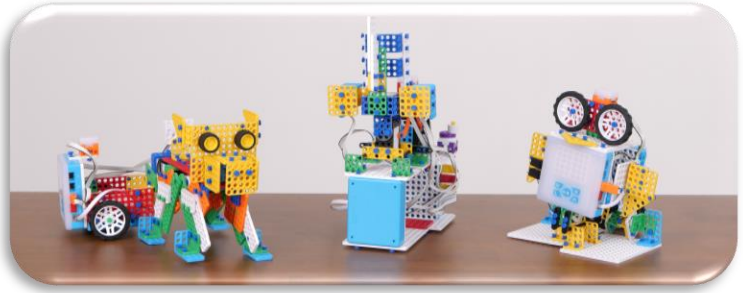
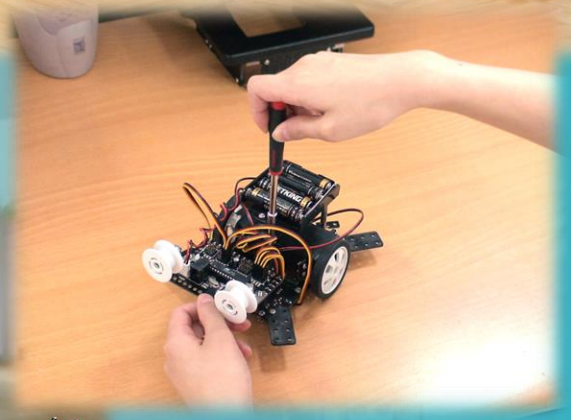
About us

ChinguBots is a robotics company aimed at bringing state of the art, futuristic robotics and coding education to South Africa.

Our mission:

- Accessible robotics education for all ages
- Hands-on learning
- Comprehensive learning resources
- STEAM Education
- CAPS aligned curriculum integration
- Provide students with essential skills: problem-solving, critical thinking, teamwork and creativity.





Why ChinguBots?

- Cost effective
- Mostly CAPS-aligned
- STEAM Education
- Hands-on Learning

Globally recognized products


Philippines

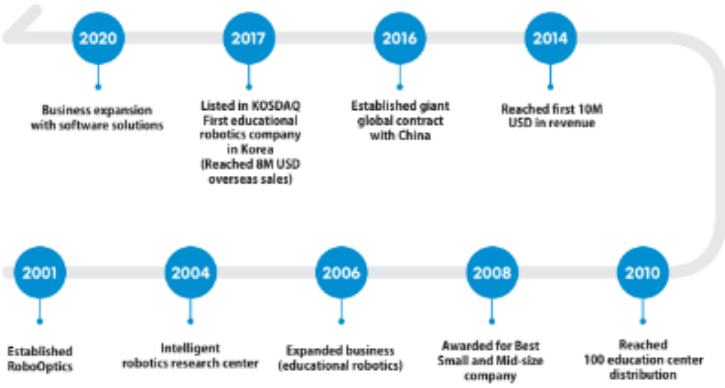

Thailand


Australia


China


United States

Partnered with RoboRobo, a globally recognized company.



UARO

Ages 4-8

Where robots, coding and play come together!

Playful learning!

UARO uses a unique building system to help children to easily turn their imagination to real life. Designed for children of ages 4-8, children can easily learn how to build and code robots with a simple coding system that helps develop children's computational thinking.

Easy-to-build

UARO is easy to build with simple parts and frames.

Unplugged Coding Tools

Children can build and activate their own robot creation by using the coding board and blocks. Robots can be programmed to operate following the order sequence of the block placements.

Activity Workbooks

The workbooks are fun and interactive with stickers! The curriculum has real world connections with 11 themes connecting to social relationships, communication, natural science, artistic and physical skills.

SMART Coding application

Children can enjoy coding using characters from the interactive UARO app.

The robot and coding board can be connected with the app via Bluetooth.

Level 1

In level 1, kids learn how to assemble and make your own creations.

The basics of coding is covered with focus on fine motor skills and hand-and-eye coordination with easy-to-use bolts, nuts and tools.

Focus and creativity is enhanced with fun and playful activities.

This engaging experience enhances critical thinking and problem-solving skills.


Robot Friend


Swing


Desk & Chair


School Bus


Picture Frame


Puppy


Frog


Butterfly


Fire Truck


Giraffe


Ambulance


Crane

Level 2

In this level, the focus is to create curiosity and motivation towards coding.

Kids will work on and select the chosen program for each robot. This enables their understanding of what programming and coding is and why it is needed.

Level 3

In level 3, the coding board is used to program the desired code.

While programming a different code for each robot and observing its behavior, logical thinking and creativity thinking are fostered and enhanced.

Level 4

In this level, kids start engaging in diverse coding activities.

Kids will build upon their previously learned basic programming skills from earlier levels and explore the realm of free coding, fostering creativity and problem-solving abilities.

What's Included

UARO Kits

Each Kit comes with the necessary tools, bolts, nuts and frames. Each kit contains 12 lessons.

Workbooks

Each kit comes with 2 books:

1. Assembly book
2. Interactive sticker Workbook

Coding Board

This curriculum builds the foundation towards understanding coding concepts. The coding board is used during levels 3 and 4.

- Smart program of new concept using NFC (Near Field Communication)Tool
- Place the command block and push button to send program to the robot
- Learn the basics of coding by using various commands such as 'go forward', 'switch on LED', and 'play melody'

Special offers for schools & educators

Bundle Deals

We offer discounted prices on bundle deals since schools might purchase a large amount of products at once. Depending on the quantity purchased, schools will receive extra benefits.

Lesson Plans

Robotics and coding are new to the curriculum and might be taught by teachers with little knowledge on the subject. Therefore, we will provide additional resources for teachers, including lesson plans and tips on how to approach lessons with various age groups.

Teacher Training

Additional teacher training will be provided for teachers to get accustomed to the products and the coding software. This will include a 5 hour workshop where teachers will actively engage with the products, receive guidance on how to approach lessons with various age groups and receive lessons on how to code the robots. They will also receive extra resources that will ensure teaching success in their classrooms.

Teachers, we've got your back!

Contact us for more info:

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