

Imagine >>

Make >>

Code >>

Play >>



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Smart Wireless Coding Blocks &
AI Robots for STEAM Education



STEAM
Science,
Technology,
Engineering,
Art, Mathematics



What is Cubroid?

Cubroid is an AI and Robotics-focused company that designs AI-powered robots and coding blocks for children.

Coding is an essential skill that benefits most when nurtured during a child's developmental years. Our products are specially designed to introduce the concept of coding, engineering, and artificial intelligence to children as young as 5 years old. To aid with learning, we utilize child-friendly coding programs such as Scratch & Python, apps, and age-based curriculum.



Our goal is to help children develop a love for science, engineering, and technology and to prepare them for success in a rapidly changing world.



Our vision is to ensure that all children, regardless of their background, have the opportunity to engineer their own future.



Mark, CEO and founder of Cubroid, built over 100 apps for early childhood education with a strong background in Educational Technology, Robotics, AI, and Future Education.

The idea of Cubroid came to Mark in 2015 when he sought out a solution to teach programming and robotics to his 3 daughters. He fused the concepts of Arduino and cube-shaped building blocks to make the experience more interactive and creative. From this, Cubroid (combining the words "cube" and "droid") was born.



WIRELESS

Set of coding blocks that connect without wires or connecting pins.



EDUCATIONAL ROBOTS

Educational robots using Artificial Intelligence technology.



SMART DEVICE COMPATIBILITY

Robot creations can be programmed and controlled with a smart device.



LEGO® COMPATIBILITY

Easily attachable to LEGO® pieces for endless possibilities of building.



STEAM INTEGRATION

Activates problem-solving, logical reasoning, collaboration, and creativity skills through play.

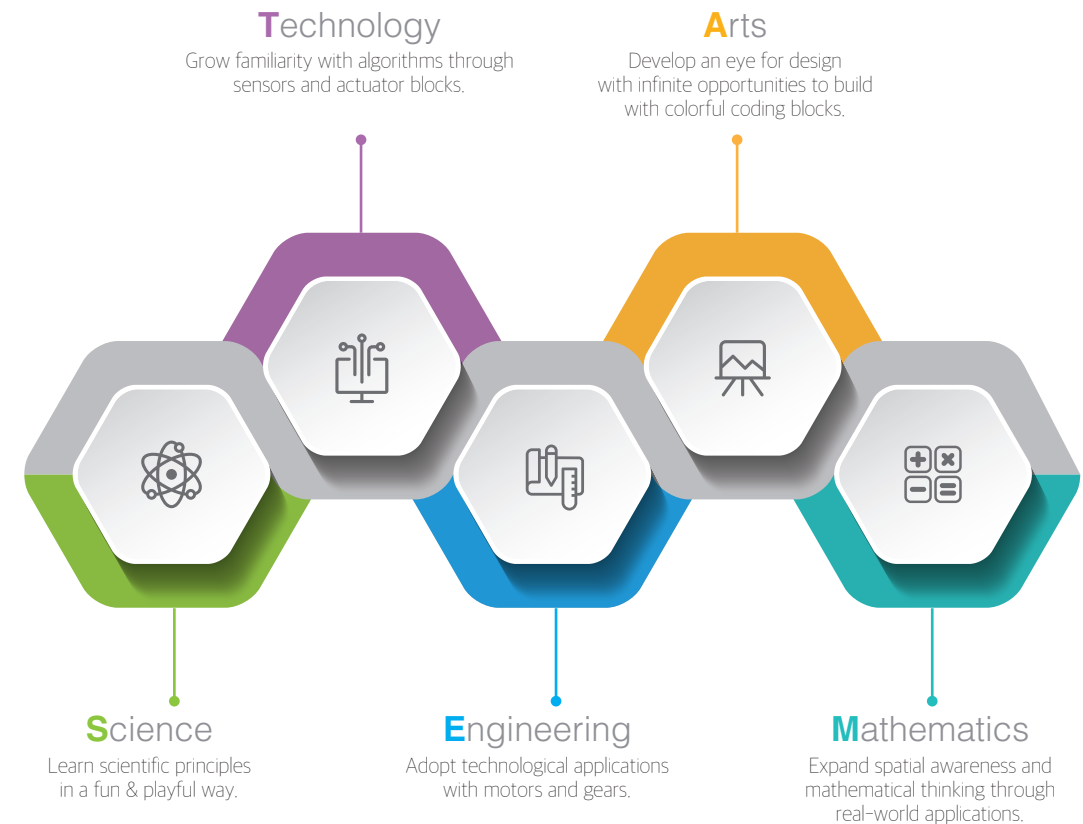


GUIDED CURRICULUM

Various teaching guide books and resources tailored for each age group.



Cubroid is committed to not only grow our students' knowledge within the sciences, but also cultivate critical thinking, collaboration, logical reasoning, and creative skills that foster a holistic STEAM learning experience.





Cubroid Block Introduction

Premium Kit Components



1 Master Block



Be expressive and code with a variety of colors.

2 DC Motor Block



Rotates in 360 degrees

3 LED Block



8x8 Dot Matrix LED Display

Showcase many different illustrations with 64 LED dots

4 Sound Block



Emits various sounds

5 Proximity Sensor Block

Object detection within a 4~5cm range



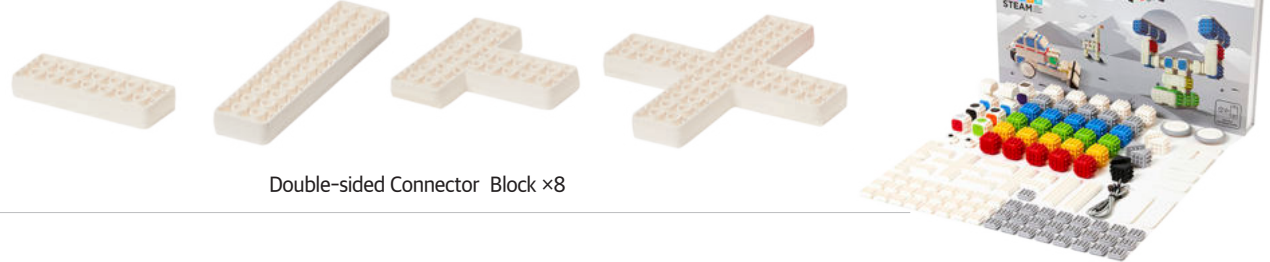
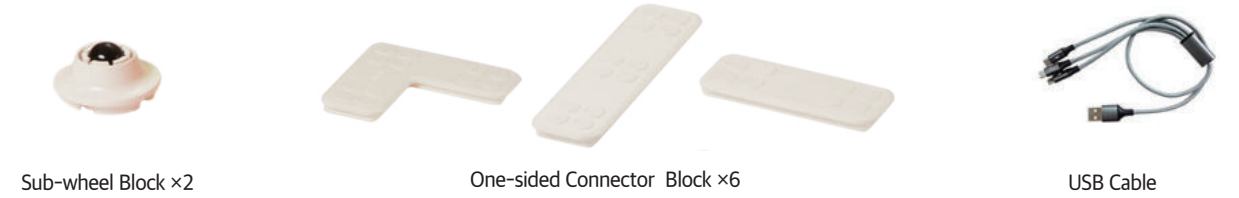
Detects the proximity of approaching objects

6 Light & Touch Sensor Block

Light sensor and touch button



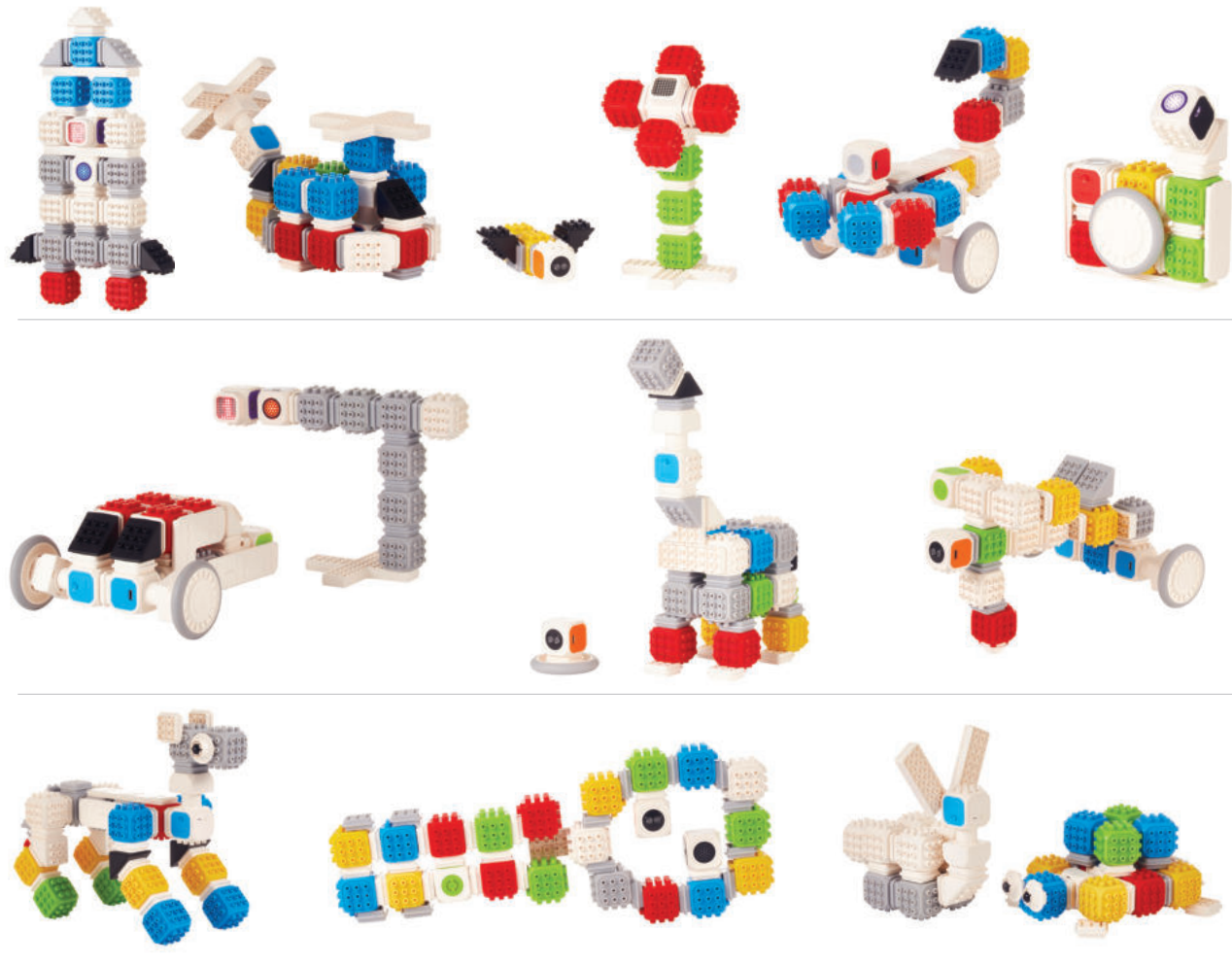
Detects light
Detects when a button is pressed





Cubroid Robotic Modules

Assemble 397+ Robots with just 111 pieces





<https://cubroid.com/education>

LEVEL 1



Coding Cubroid 2

Mobile Phone Coding for 5-7 YO

- Control your assembled robot with our controller app (go! Cubroid) without have to code



- Learn to code with our custom-designed mobile phone app by dragging and dropping intuitive command symbols.



LEVEL 2



Advanced Cubroid

Tablet Coding for 8-10 YO

Learn various programming principles, constructs, controls, triggers, and conditions by coding various motion and sensor values.



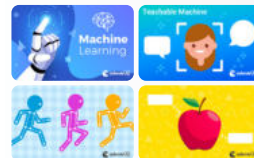
LEVEL 3



Scratch 3.0 + AI

PC Coding for 10+ YO

Dive deeper into scratch coding, machine learning, and teachable machines to complete creative projects that solve real-world challenges.



LEVEL 1



- Age : 4-6 / Topics : 25
- Learn simple code with intuitive symbols and solve various real-world problems.

LEVEL 2



- Age : 7-10 / Topics : 34
- Learn problem-solving, critical thinking, and computer skills while programming robots with advanced coding programs.

LEVEL 3



- Age : 10+ / Topics : 34
- Learn Scratch 3.0-based programming and utilize AI tools such as Machine Learning and Teachable Machine.

Project-Based Learning



- Age : 7+ / Topics : 3
- Advance in coding skills through PBL assignments and grow problem-solving, critical thinking, and collaboration skills.



Our free online education platform has been carefully developed with rich and exciting contents in the form of missions that are practical and intuitive. With this platform, children can learn how to assemble & code robots in an easy, fun and interactive way.

Visit our educational platform at:

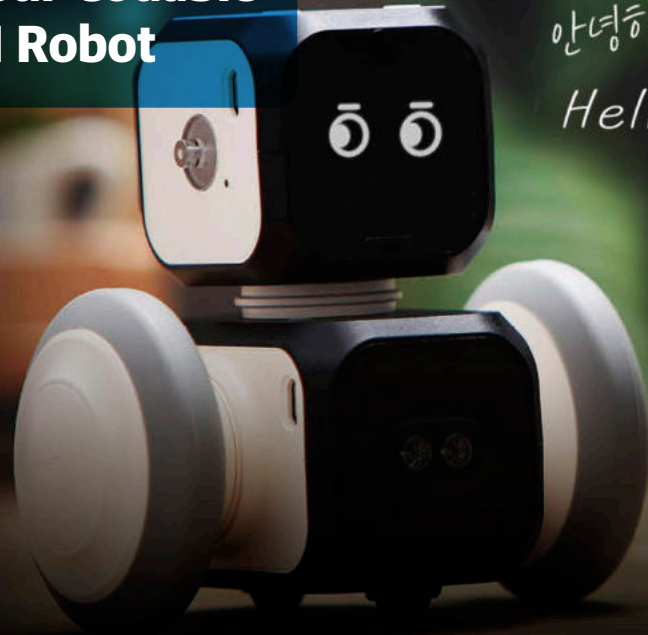
<https://education.cubroid.com>





ARTIBO Your Codable AI Robot

Bonjour Ciao
你好 こんにちは Hallo
안녕하세요 Xin chao
Hola مرحبا
Hello नमस्ते



01

Image Recognition



- Image Identification
- Face Identification
- Celebrity Recognition
- Text Recognition

02

Speech Recognition



- Speech to Text
- Multilingual Translation
- Text to Speech

03

GPT-3



- Generative Pre-trainedTransformer 3
- Optimizing Language Models for Dialogue



Coding Program

8 to 12 years

Scratch Block

(Simplified Computational Coding)

Artibo's block coding platform has similar features with Scratch. It is intuitive and easy for everyone to code using the drag-and-drop block system function.



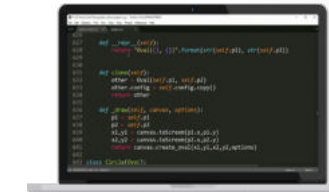
LEVEL
1

13 years and older

Python

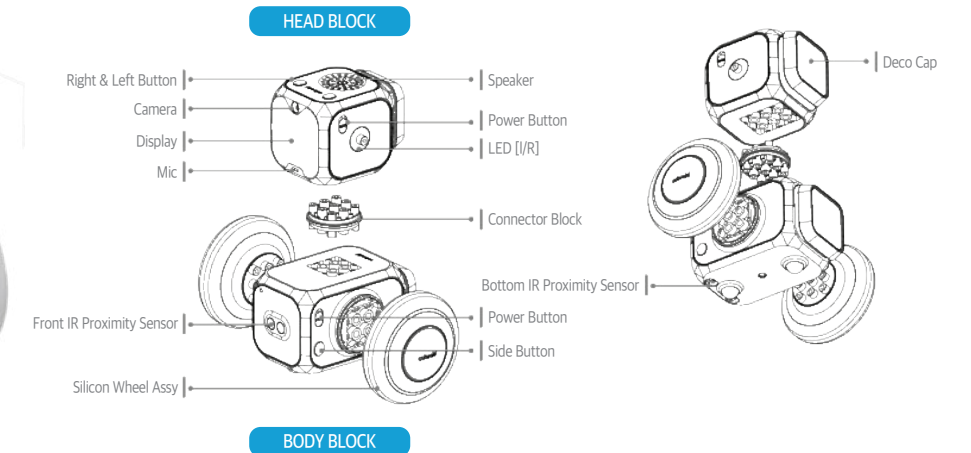
(Text Coding)

Python coding just got fun with Artibo! Python programming with Artibo is available for advanced youngsters who want to take their programming skills to the next level



LEVEL
2

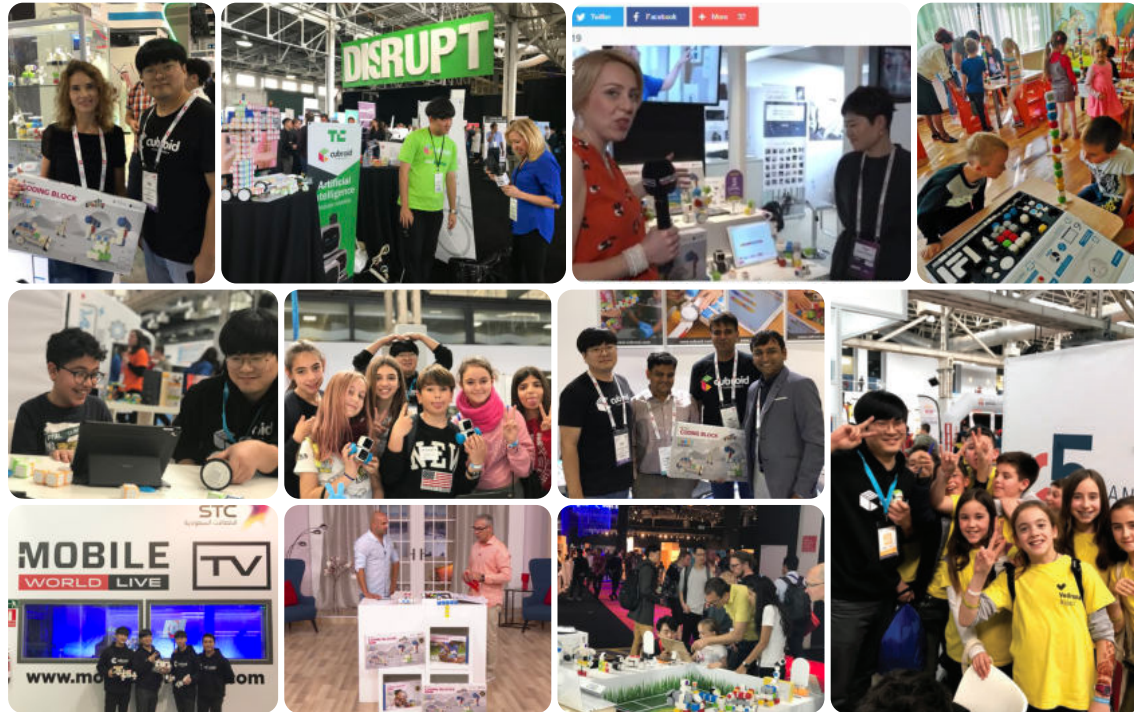
Specifications





Cubroid Global Activities

Exhibitions



Awards



Certifications



As of 2019, Cubroid is present
in 46+ countries and 10,000+ schools.



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Schools, Academies & Individual Purchases
support@cubroid.com

