UARO
Interactive Coding World
Coding Robot UARO
www.uaroedu.com

Tangible PROGRAM,
Coding Robot UARO

Coding robot UARO is an education material of a new concept that
allows children with potential in inventing to make and program movements.

With coding robot UARO with abundant possibility of imagination and creativity

Even children can easily make sturdy robots of the shape they want by using internationally patented bolts and nuts.

Coding robot UARO moves, acts and reacts to stimulation.

By using sensors, it can detect hands of children or objects, switch on the lamp or move around.
Also, you can play a fun game by using remote control.

Coding robot UARO that can be programmed by children

Using coding board patented in Korea, you can program robot using coding block without a computer.

Basic of Coding,
Learn in a fun way with robots.

Coding education is not aimed for simply learning program knowledge. Go beyond the stereotypical thinking but teach how to solve problems by modifying and supplementing toward one's own goal.

Why do we learn coding with robot?

Using a robot, you can integrate education from production to control. By designing the robot, children can program while exploring, exercise creativity and raise problem solving ability. Also, robot is a special item that makes you get immersed in creativity and coding process in a fun way.

Effect of coding education

Enhanced creativity	Problem solving ability	Logical Thinking
Solutions to Teaching by rote	STEAM Education	Creative talent education beginning with playing

Touch programs by hand so make coding easy

Coding is an invisible concept like mathematics. So, we intended to raise the understanding in coding through visual, auditory and tactile sensitivities of children by looking and touching programs.

Coding board

Coding Block

Children's coding education application, UARO and coding friends

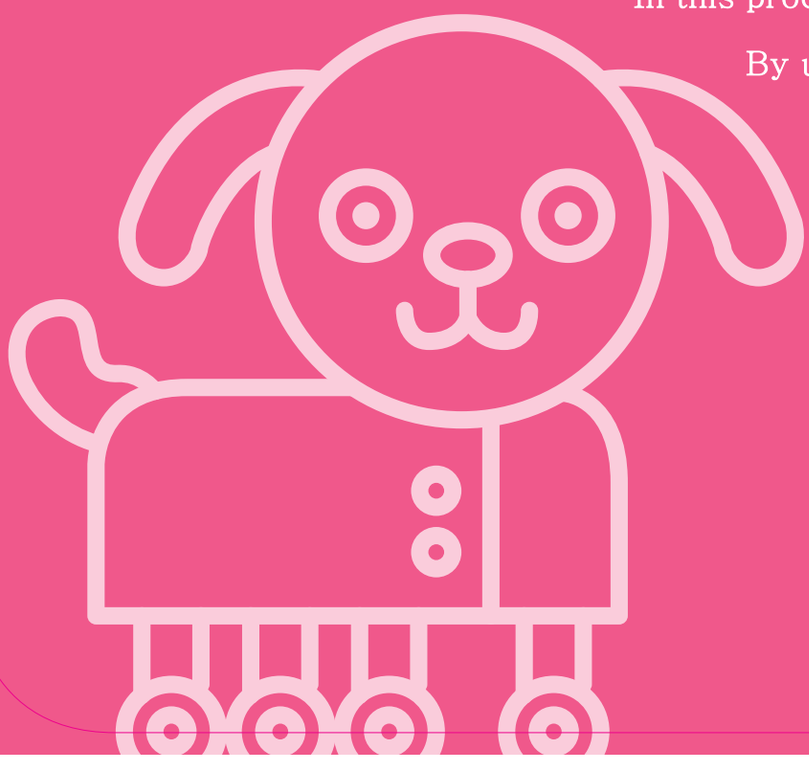
Commands for moving robot are expressed in fun characters in this program that lets you to write codes while playing a game.

Coding education Application

Coding characters

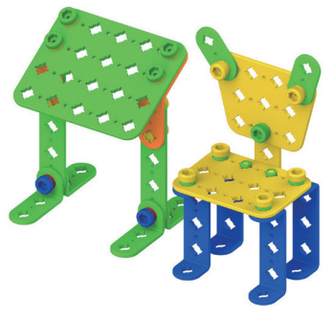
LEVEL. 1

In this process, children can learn how to assemble and produce one's own shape.
By using bolts, nuts and tools, the hands and eye coordination is developed
and concentration and creativity can be enhanced.

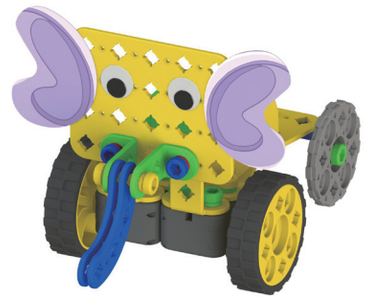


Robot Friend

Swing

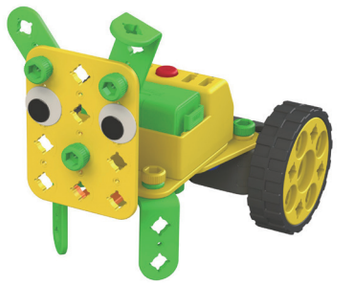


Desk & Chair

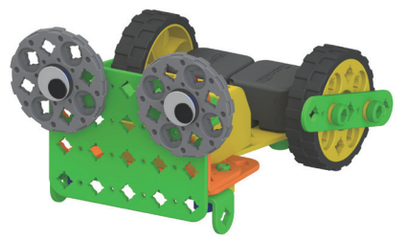


School Bus

Picture Frame



Puppy

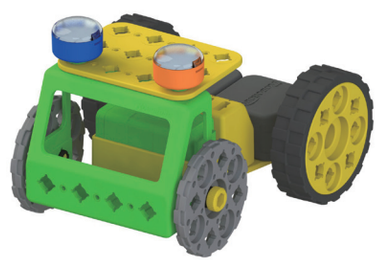


Frog

Butterfly

Fire Truck

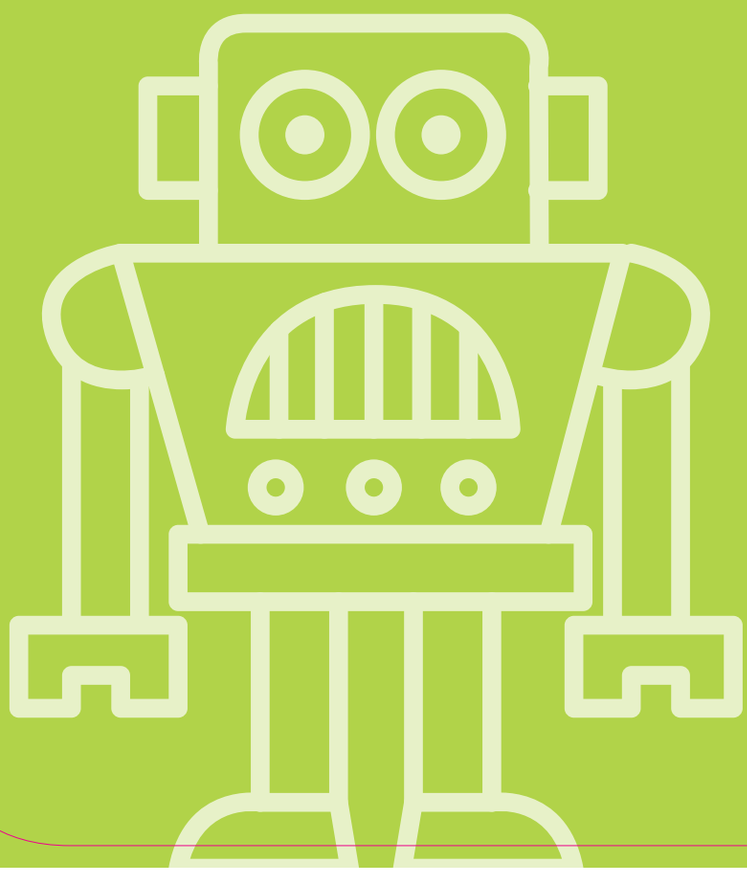
Giraffe



Ambulance

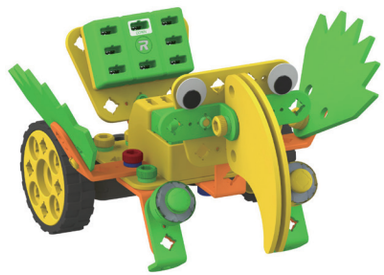
Crane

LEVEL. 2

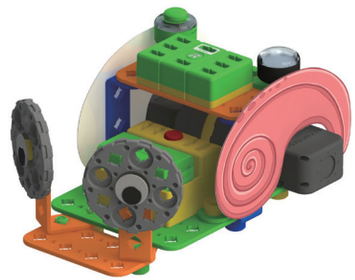


In this process, by operating a robot with input program, curiosity and motivation for coding can be raised. By thinking and selecting the program for each robot, realize the need for programming.

Pterosaurs

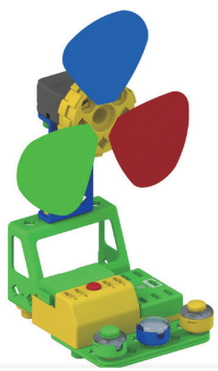


Bird

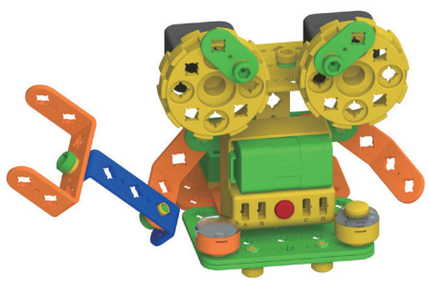


Snail

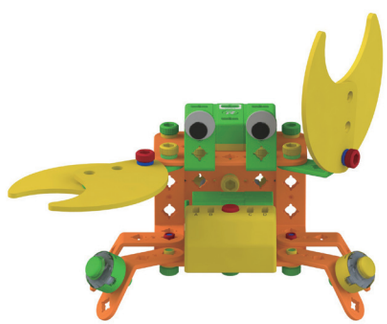
Scorpion



Fan



Germ

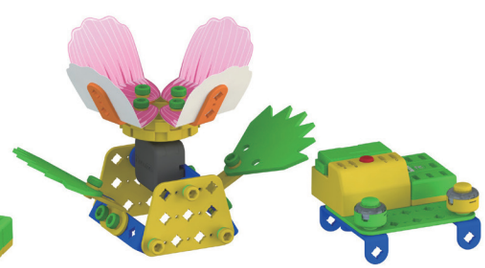


Crab

Beetle

Goblin

Drummer

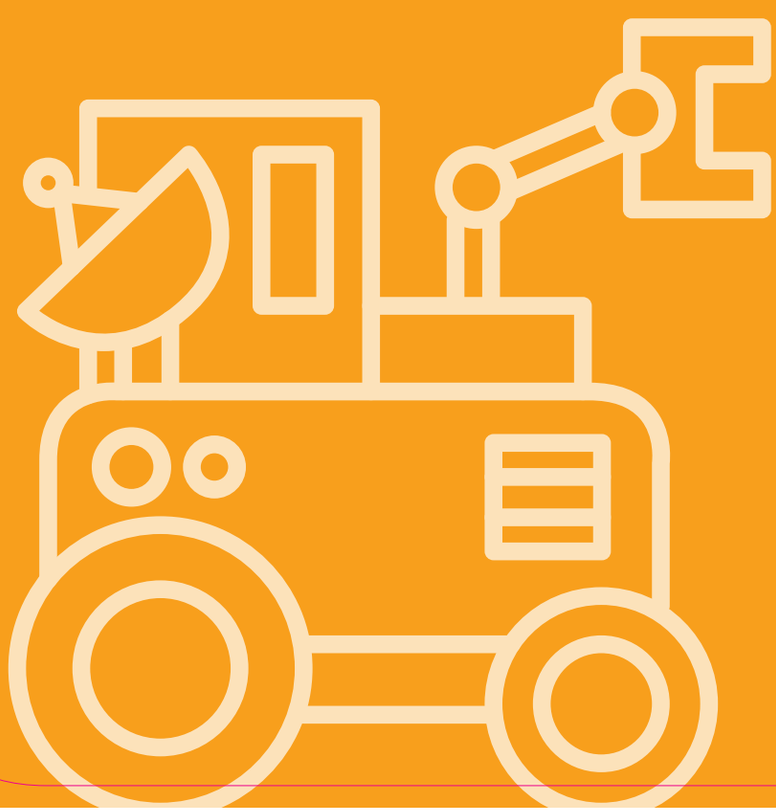


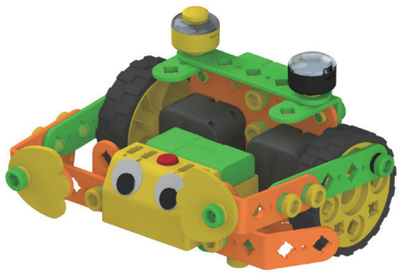
Hibiscus

Catapult

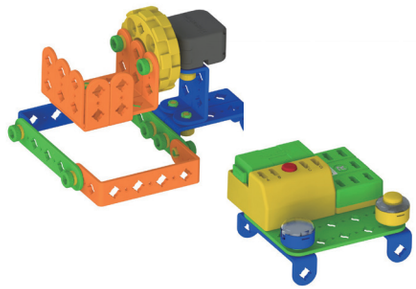
LEVEL. 3

In this process, you can write the code by using coding board. Align coding blocks to make various programs and download to robot and observe the movements to learn logical thinking and creative thinking.





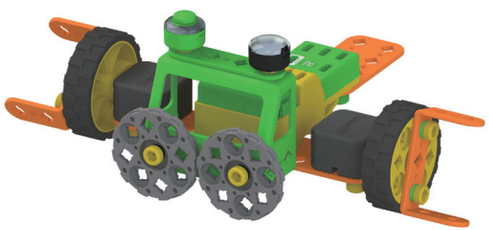
Wrestling Bot



Board Game Bot

Soccer Bot

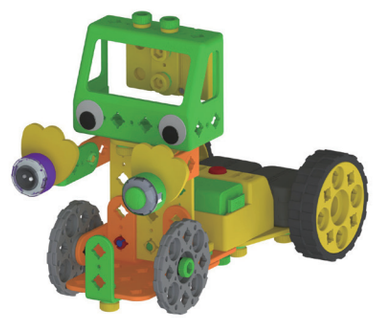
Bull



Dragonfly

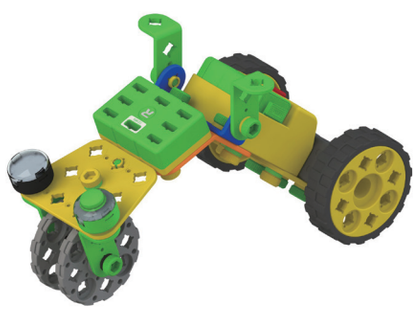
Scarecrow

Tractor



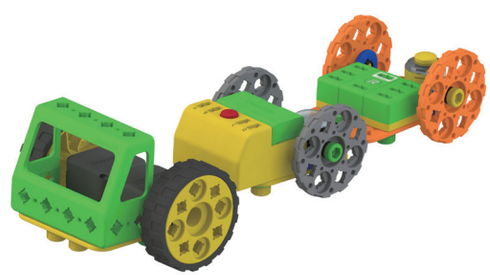
Helper Bot

Yacht



Bicycle

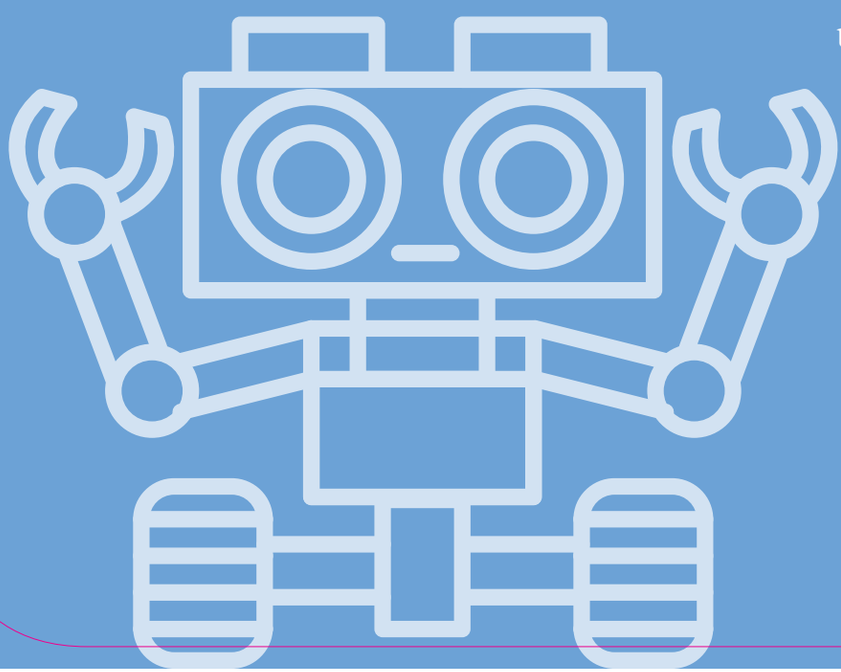
Helicopter

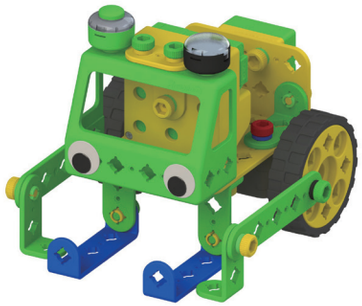


Train

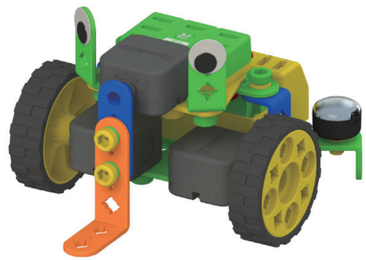
LEVEL. 4

In this process, you can make complicated and diverse codes by using application. Upgrade the basic programming ability you have learnt earlier, and upgrade creativity and problem solving ability by coding whatever you want.

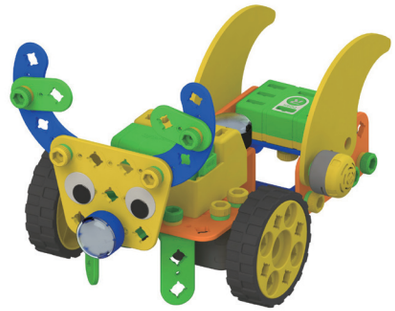




Ski Bot

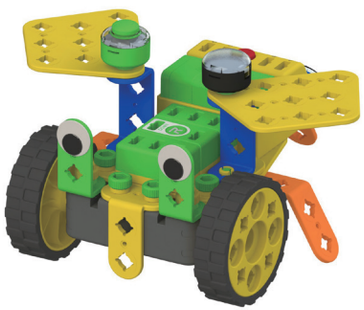


Hockey Bot



Rudolph

Snowplow

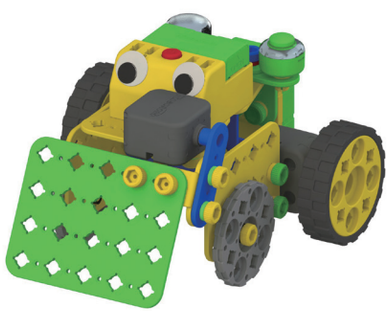


Firefly

Dinosaur

Rhino

Melody Doll



Cleaning Bot

Exploring Bot

Military Bot

Humanoid

All inclusive Components of UARO

01 UARO Kit

- Parts of various shapes and smart electronic parts are provided
- By using patented Robo Robo bolts and nuts, easily and conveniently assemble and disassemble
- Safety certified for safe use by children

Patent Registration Number
10-2015-0113976, 10-2015-0119544

02 Workbook

- Illustrations suitable for eye levels of children
- Fun work book with special activities such as stickers, drawing and cutting and pasting
- Reliable education content made by professional in child education
- Reflected the Nuri course commonly provided to children in learning objectives

03 Coding Board

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

Patent Registration Number
10-2015-0136369

UARO

In the upcoming future, coding means capability. Experience coding robot UARO now!

Inquiries info@roborobo.co.kr

Coding robot UARO is certified for safety and suitability under CE (safety, health, environment and consumer protection related integrated regulations by EU) and KC.

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