Certification

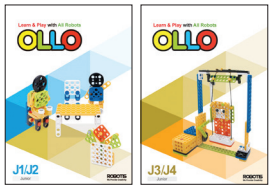
ROBOTIS

OLLO J1~J12

This basic teaching material for preschoolers allows a variety of different assembly examples with motor-driven and block-type parts.

- 48 Classes (4 Examples × 12 Chapters)
- Composed of J1~J12 Workbooks
- 12mm Plates & Rivets for Easy Assembly
- CM-15 : 5-Axis output and Power Switch

Teaching Tool × 5



PDF Workbook

Controller (CM-15)

OLLO Box

Rivet Tools

Textbook format and step-by-step examples

Workbook with 48 classes and example robots

J1 Preschool and OLLO

J2 Spring/ Animal & Plant Life and Nature

J3 Me and My house

J4 My neighborhood

J5 Summer Safety

J6 Transportation

J7 Korea and the world

J8 Autumn and Fruits

J9 Environment

J10 Winter Activities

J11 Everyday tools

J12 Growing Up!

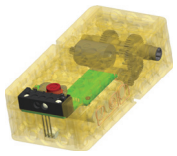
OLLO K1~K12

This expansion teaching material for preschoolers features a variety of block type parts, sensors, and motor driven block that can be controlled with a remote controller.

- 48 Classes (4 Examples × 12 Chapters)
- Composed of K1~K12 Workbooks
- 12mm Plates & Rivets for Easy Assembly
- CM-50 : Buzzer, Acoustic Sensor, 3 IR Sensors, IR Receiver (for Remote Control)

Teaching Tool × 5

PDF Workbook


Controller (CM-50)

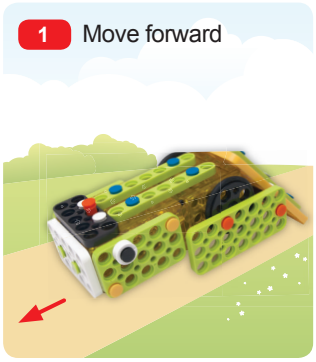

Remote Controller

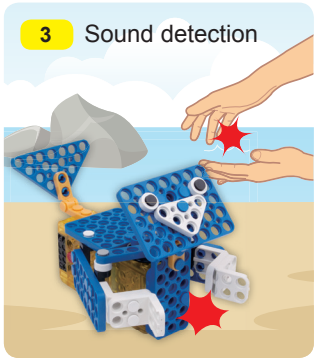
OLLO BOX

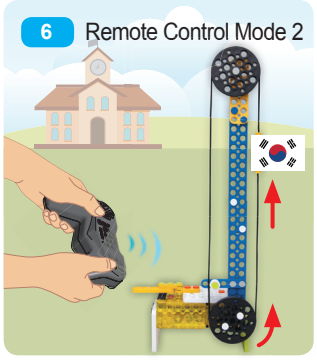

Rivet Tool

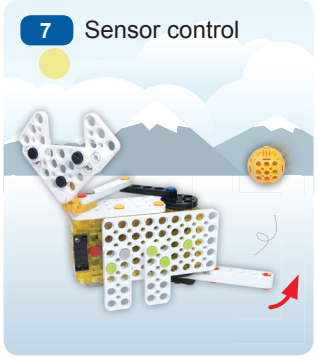
Where Robotics and Coding Meet!

8 different challenges to explore with your robot!









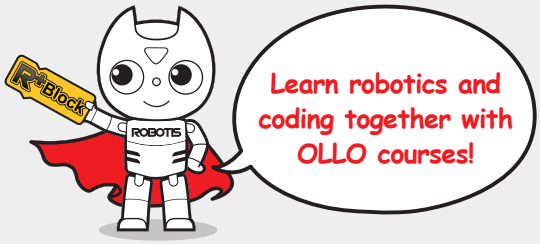
Features of OLLO Education

1 Easy and Fun Block Coding with a finger

Robotics and coding education are essential for talented individuals in a future that will be transformed by the fourth industrial revolution.

R+Block

A drag-and-drop block coding app that allows children to easily play and learn coding without a computer.



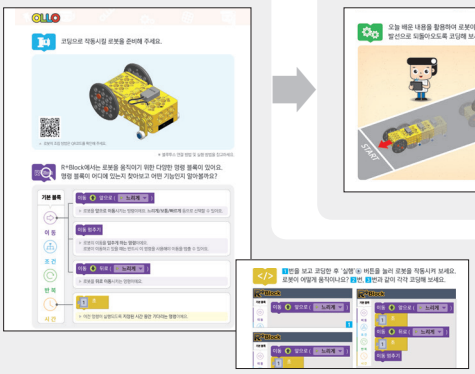
OLLO Coding

- Learn using a curriculum with a systematic coding education tailored to the student's level.
- Learn coding with a smart phone/tablet.
- Easily learn fingertip coding using R+Block.
- OLLO Coding Workbook provided.

❶ Introduction

❷ Learning

❸ Coding



❹ Expansion

Two key areas of the Fourth Industrial Revolution

Software & **Robots**

Artificial Intelligence, Big Data, Deep Learning, Block Chain, VR/AR

Autonomous Navigation, 3D Printing, Drone, IoT, Robotics, Artificial Intelligent Robots

Features of OLLO Education

2 3D Assembly structure and motor driven system

Enhance children's spatial perception and creative ideas.

3 Workbook configuration that stimulates creativity

To improve children's creativity, lesson plans are included alongside robot assembly in order to promote creative thinking and independent problem solving.

❶ Introduction

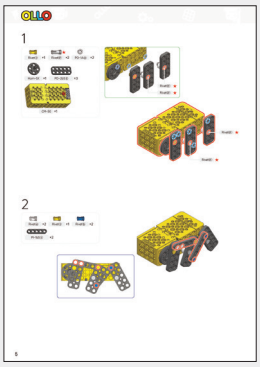
Before starting the week, introduce an interesting subject.

❷ Special Activity

Use robots to create, experiment and play exciting games.

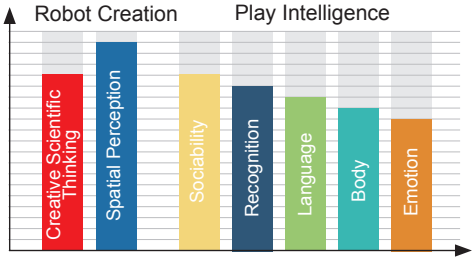
❸ Assembly

Use a variety of pieces to build each lessons' robot.



4 Understand basic scientific principles

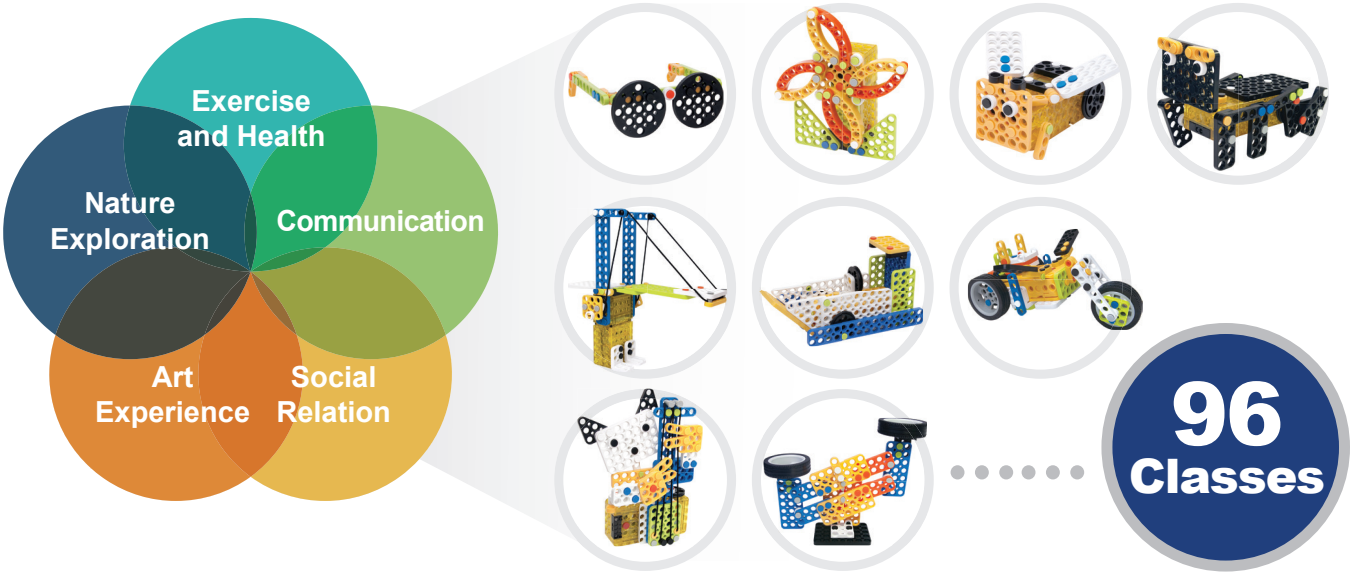
Learn scientific principles such as leverage, elasticity, and intertia from how the robots move and work.



Education System of OLLO

Monthly educational programs specialized for preschool and educational institutions

Includes 96 unique classes to match weekly themes.



A variety of events that parents can participate in.

Parent participation classes, science day events, orientation, and other differentiated events are available.

Systematic Teacher Training System

ROBOTIS offers training courses for professional robot instructors at our headquarters and affiliate centers to provide adequately prepare instructors worldwide.