

Robo Kit



Programming pleasure freely with not only PCs, but also with Smart Phones and Tablet PCs

Robo Kit focuses on the formation of the sense of closeness and the stimulation of interest on the robotics.

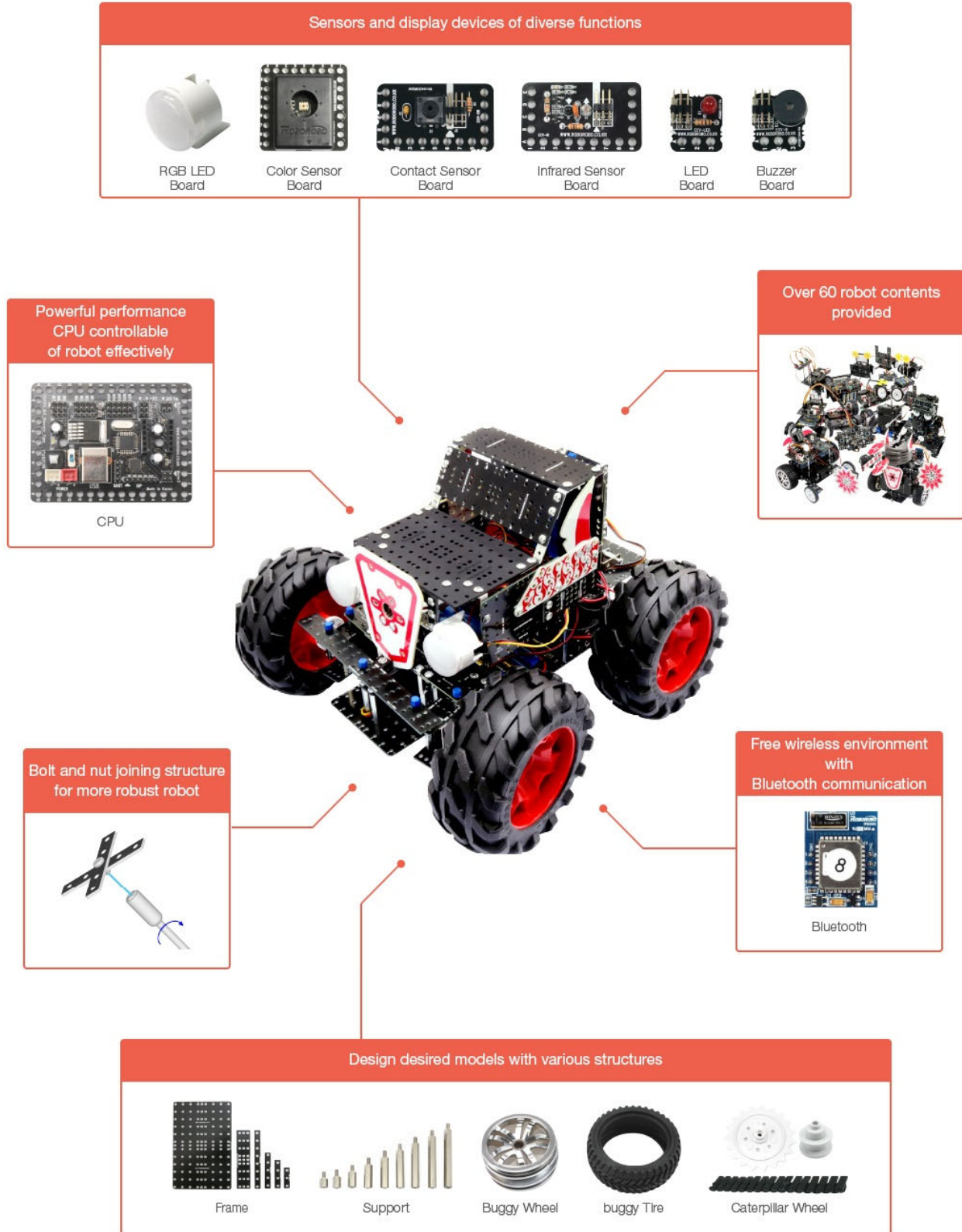
It is systematically configured as suitable for the cognition development phase of children to lay the solid foundation.

Through its utilization ability in the school learning and life, it will form the confidence on the robotics and raise the practice ability, thinking and problem solving ability in harmony.

It is composed of learning levels according to the ability of learners, which are the **Beginner level**, the **Intermediate level**, the **Advance level** and the **In-depth level**.

IDEAL WAY EDUCATION

a. Product Kit - Hardware



IDEAL WAY EDUCATION

Product Kit – Software

1. Internally developed software (Rogic)

Rogic software can control the Robots from PCs and Android devices via Wired Communication or Bluetooth communication.



2. Mobile Application (Smart Rogic)

It supports the multi-touch method for easy programming and it is possible to download developed programs remotely using the Bluetooth function.



IDEAL WAY EDUCATION

b. Course Curriculum

Level 1	Beginner Level In this course, our Kids will learn basic understanding on Robots, How to assemble it, Electronic principles & Structures and the Programming basics.
Level 2	Intermediate Level In this course, each learner enhances his/her creativity, logic, imagination by himself/herself to make his/her own robots.
Level 3	Advance Level In this course, fast and powerful robots are made and robot utilized missions are performed to enhance the program utilization ability.
Level 4	In-depth steps 1, 2, 3 and 4 This course to program in depth using various commands such as functions and operations, and making robots in various shapes and sizes.

IDEAL WAY EDUCATION

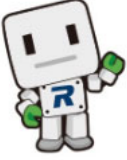


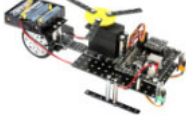

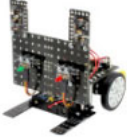


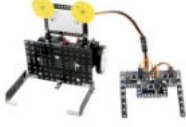

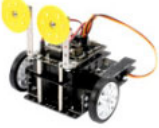

Level 1 (Beginner Course)

Electronic and electric principle basics learning course

It is the course for beginners to learn to assemble the robot, and understand electric and electronic principles and structural principles.

Other than assembling the robot, our kids will directly program motions of the robot they made.

Level 1 - Robot Configuration Options

				
Robot is	EasyBot	HouseBot	HelicopterBot	RaceBot
				
RabbitBot	ControlBot	HittingBot	DeliveryBot	SensingBot
				
SnailBot	FutureBot			

IDEAL WAY EDUCATION


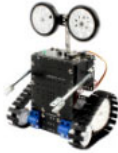


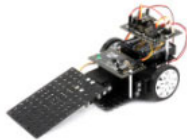
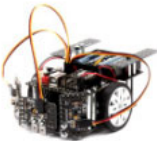

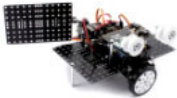




Level 2 (Intermediate Course)

Enhances Creativity and Logic

In this course, our students enhance creativity, logic, imagination by themselves to make their own robots other than implementation of monolithic motions.

Our students will also learn various applications on the servo motor and the infrared sensor, which are largely used in the robot area.

Level 2 - Robot Configuration Options

				
KartBot	CanBot	TurtleBot	ServoBot	AttackBot
				
AvoidBot	FortressBot	RayBot	AxeBot	GrabBot
				
LoaderBot	FutureBot			

IDEAL WAY EDUCATION

Level 3 (Advance Course)













Course raising interest on the Robot

In this course, faster and more powerful robots are made using 12V, to add Fun and Interest on the robot.

Using various frames, buggy wheels etc., it is possible to make robots more easily.

Robot utilized missions are performed to raise the proactive utilization ability.

Level 3 - Robot Configuration Options

				
InvertBot	CombatBot	FrogBot	LancerBot	JeepBot
				
CannonBot	DinoBot	TornadoBot	SuperbikeBot	ClimbBot
				
LarvaBot	FutureBot			

IDEAL WAY EDUCATION

Level 4 (In-depth Course 1)

Creativeness and teamwork spirit raising course

Using various preparation materials, sophisticated robots are made.

While making robots by the teams / groups, creativeness and teamwork sprits are developed.

It encourages and proposes making creative and cooperative robots using high speed DC motors and various sensor boards.

Level 4 - Robot Configuration Options

				
SoccerBot	DiceBot	SpikeBot	BugBot	FormulaBot
				
TopBot	BoxingBot	SpaceBot	DragonBot	FutureBot

IDEAL WAY EDUCATION



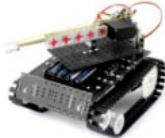






Level 5 (In-depth Course 2)

Bluetooth used utilization course

In this course, our students will use the Bluetooth Technology for communication with robots.

It is possible to use the newly added Bluetooth controller for various contests, of which speedy key actions provide the breathtaking feeling as if in a contest.

Level 5 - Robot Configuration Options

				
RifleBot	SupergrabBot	SupertankBot	VikingBot	DancingBot
				
DriftBot	BowlingBot	PelicanBot	FutureBot	

IDEAL WAY EDUCATION








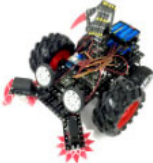
Level 6 (In-depth Course 3)

Logic program application step, in the high difficulty level

In this in-depth course, robots are made using Logic Programs, in the high difficulty level.

With large wheels and melodies, both visually and audibly satisfying robots are made.

Level 6 - Robot Configuration Options

				
SpinBot	LizardBot	GolfBot	CrazyBot	ShootingBot
				
WindBikeBot	NeroBot	ScorpionBot	FutureBot	

IDEAL WAY EDUCATION





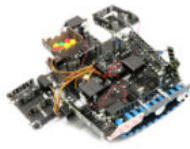

Level 7 (In-depth Course 4)

In-depth course of Application Programs, and various mechanical elements

In this in-depth course, it is possible to learn various mechanical elements and application programs.

Using newly added color sensors and various mechanical structures, it is possible to make automated robots.

It is possible to realize fancy performance using colorful RGB LEDs and gigantic wheels.

				
GiantCarBot	VendingMachineBot	PowerBattleBot	GumdoBot	AutomationBot
				
FutureBot				