

Robo Kids



Raising Dream and Hope with Blocks, Robo Kids

In this course, children can make models directly using blocks and circuits and express their potential and creativity.

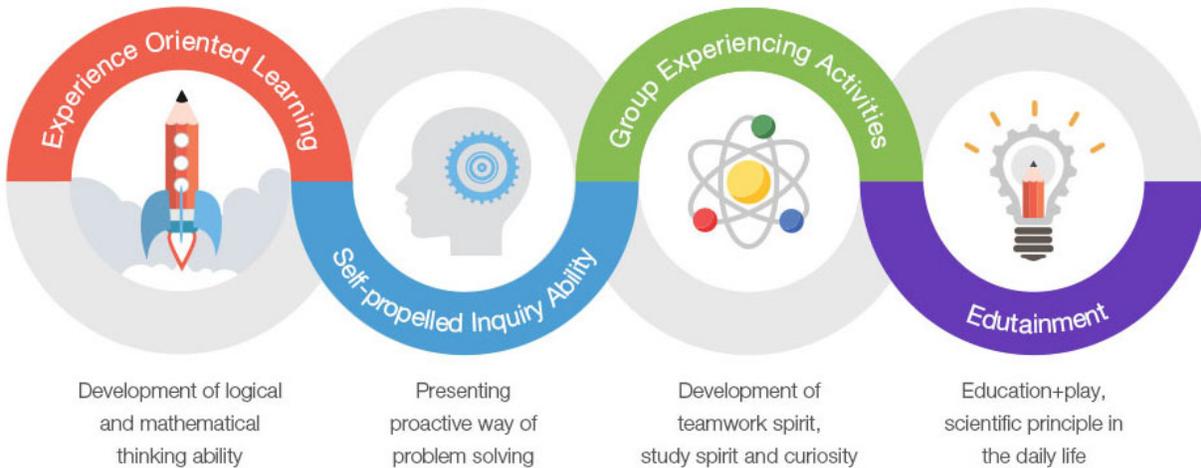
While playing the block game, assembling and disassembling blocks as well as using various circuits, associated scientific and technical principles are explored and scientific logic will be enhanced.

IDEAL WAY EDUCATION

Systematic education system that wakes up children's potential:

The Kids makes the desired model as referring to the assembly diagram and operate the assembled model freely, which develops logic and mathematical thinking.

Using program cards to carry out various missions. While carrying out various mission using program cards, problem solving ability and teamwork spirit are raised.



IDEAL WAY EDUCATION

a. Product Kit

Robo Kids - Product Kit consists of 3 Categories of parts.

- a) Robot Kit
- b) Work Book
- c) Program Cards

1 Kit



- All of the parts are easy and convenient to assemble.
- Various sensors and structures are used to make interesting models.
- Series of assembling steps enhances coordination and space perception ability.
- Understanding on mechanism and circuit structures and learning on sensor operating principles.

2 Workbook



- Various characters and illustrations deliver systematic and effective learning contents.
- Situations in the pictures motivate children to make models by themselves.

3 Program



- The card reader is used to program without a computer.
- Just scratching cards realizes various fun motions.
- Combination of various cards enables various application motions.

b. Course Curriculum

Robo Kids course consists of 2 Modules of learning.

- a) Module – 1
- b) Module – 2

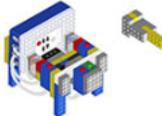
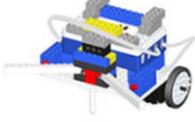
MODULE – 1

Think and make your models, and use funny cards to express motions you want.

- Children will express their own potential with blocks and make models of their own thinking.
- Children assemble DC motor and CPU blocks and will observe works they made move with simple button strokes.
- Bar-coded funny cards and the card reader facilitate advanced learning that programs desired motions without a computer.
- Using two circuit boards which run motions different each other, it is possible to realize various motions. Contesting works children made, they will understand the scientific principle more easily.

IDEAL WAY EDUCATION

Module 1 - Robot Configuration Options

				
V Bot	Catapult Bot	Big head Bot	Bike Bot	Fan Bot
				
MartBot	CrabBot	AlarmBot	MoleBot	RouletteBot
				
VehicleBot	PuppyBot	GiantBot	Remote Control Bot	BumperBot

MODULE – 2

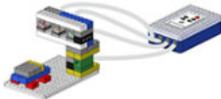
Think and make your models, and use funny cards to express motions you want.

- Learners can make models directly. In such course, it will raise creativity for children to express their potential to blocks.
- With the wireless remote control, it is possible to assign more free motions to the finished blocks.

IDEAL WAY EDUCATION

- While making advanced works and mechanically complicated models using various blocks and sensors, it is possible to raise the logical thinking.
- The course applying not only finished works but also various programs and changing motions directly will raise the potential creativity.

Module 2 - Robot Configuration Options

				
Line Tracer Bot	Remote Control Bot	GorillaBot	Traffic Light Bot	DwarfBot
				
PlaneBot	SkiBot	FrogBot	BaseballBot	SensorBot
				
MantisBot	GolfBot	GrabBot	SoccerBot	AvoidBot