
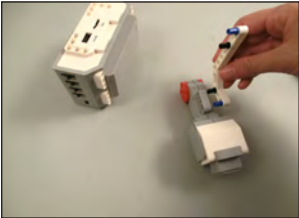
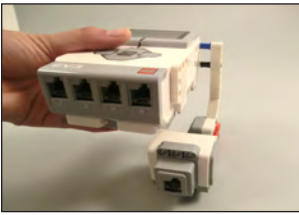

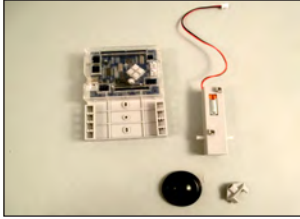
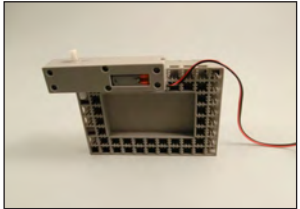
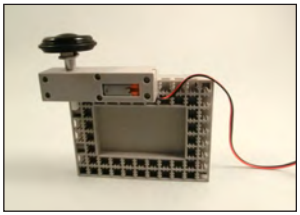



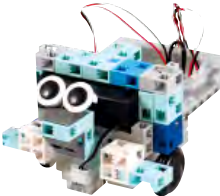


# Robotist: Quick, simple, and great for kids.

Feature ① Hassle-free

How many steps does it take to put wheels on a robot?

"L" Robot Kits	Robotist
<div><p>11 pieces</p></div> <div><p>① Attach the connect- ing part to the motor</p></div> <div><p>② Attach the motor to the main body</p></div> <div><p>③ Attach the wheel to the motor</p></div>	<div><p>4 pieces</p></div> <div><p>① Attach the motor to the main body</p></div> <div><p>② Attach the wheel to the motor</p></div> <div><div>Just <b>connect</b> the motor and the sensor to the blocks</div></div>

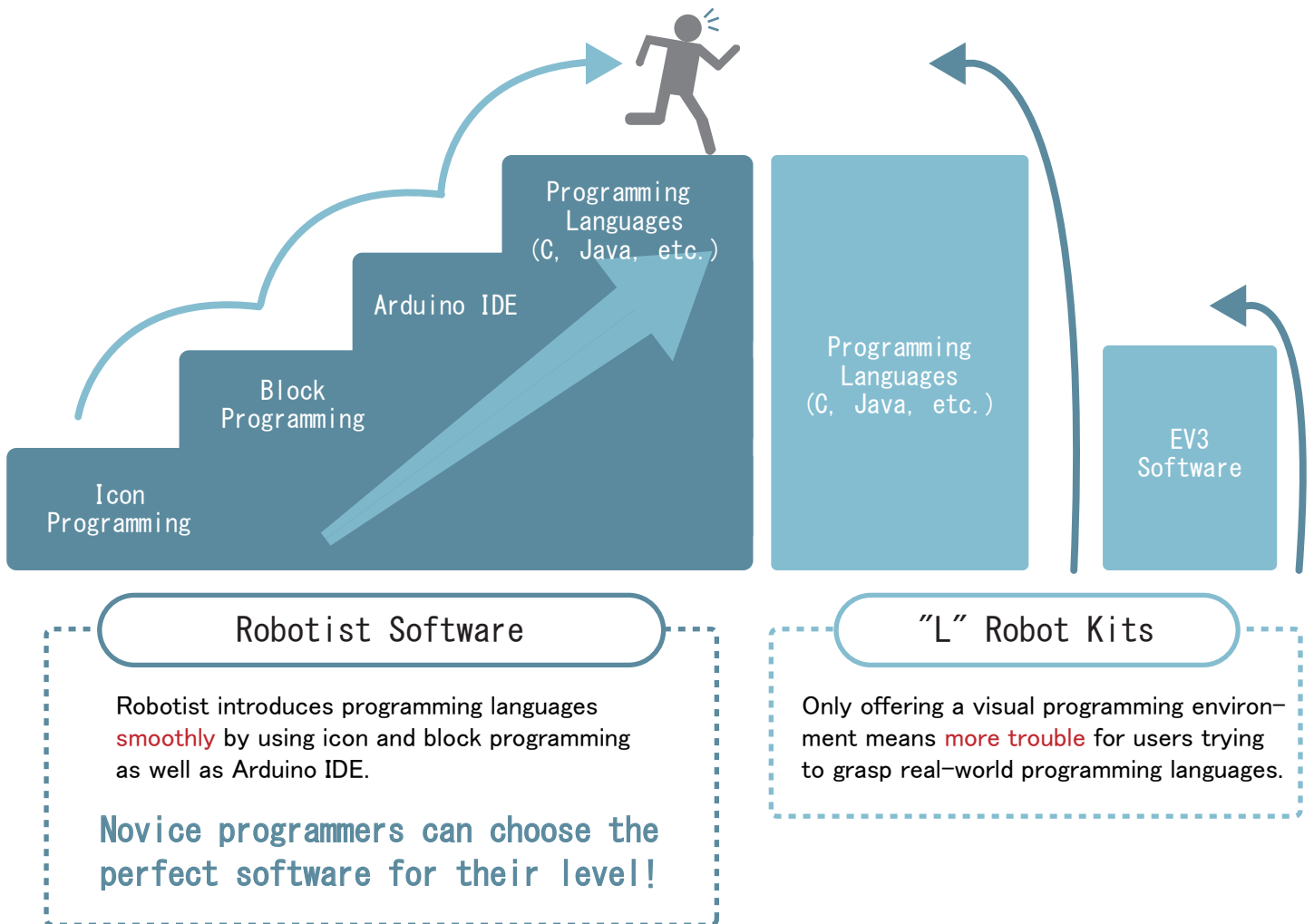
Let's take a closer look...

	Line Tracer		Arm Robot	
Comparison	 <p>"L" line tracing robot kit</p>	 <p>Robotist Line Tracer</p>	 <p>"L" robot arm kit</p>	 <p>Robotist Working Arm Robot</p>
	# of connections	93	44	259
Build time	Approx. 20 minutes	Approx. 8 minutes	Approx. 90 minutes	Approx. 30 minutes

Robotist means half the time and effort!

# From beginner to coder in **four easy steps.**

Feature ② A great way to teach yourself how to program



## Robotists Gives You More Options

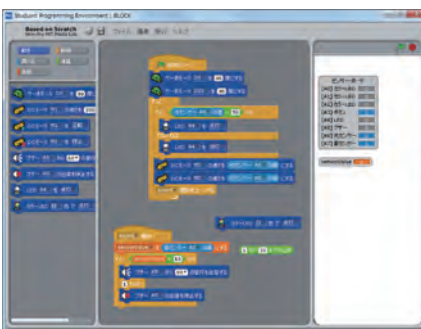
### Lv. 1 Icon Programming



#### Make your first program

Drag and drop icons to create your own program. Even beginners can program a robot's actions quickly using simple steps.

### Lv. 2 Block Programming

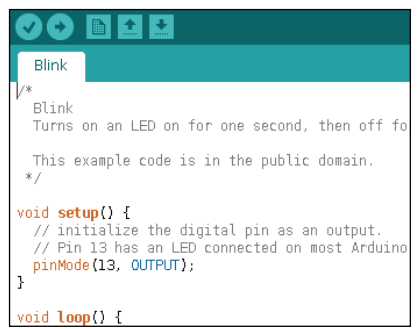


#### Getting the hang of real programming syntax

Easily connect blocks which represent actual programming elements. Users can program loops and conditions as if they were actually coding.

★ Based on Scratch, an open source programming environment developed by MIT Media Lab.

### Lv. 3 Arduino IDE



#### A programming language based on C

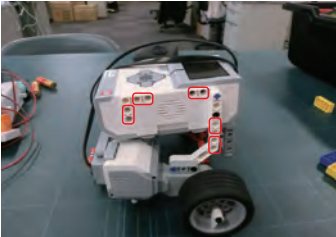

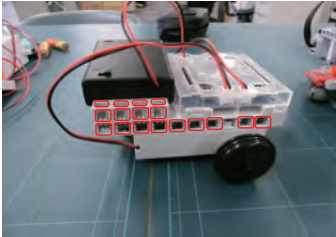
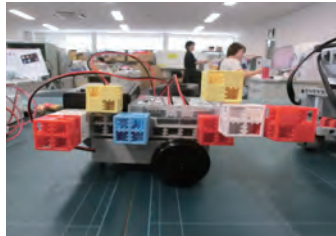
Arduino IDE allows you to program your robot quickly without knowing absolutely everything about the board or more advanced languages like C.

Programs created in these environments can be **directly converted** into **Arduino language**.  
See what's going on behind the scenes in your program!


# If you can **design** it, you can **build** it.

Feature ③ Flexible by design




“L” Robot Kits	Robotist
 <p data-bbox="475 1014 686 1086">Only 5 spots to connect blocks</p>  <p data-bbox="475 1238 738 1310">Limited spots equal limited creativity</p>	 <p data-bbox="1209 1014 1441 1086">17 spots to connect blocks</p>  <p data-bbox="1209 1198 1473 1422">Artec blocks can connect <b>vertically</b>, <b>horizontally</b>, and <b>diagonally</b>, giving you the freedom to create</p>

What if you want to change your robot?

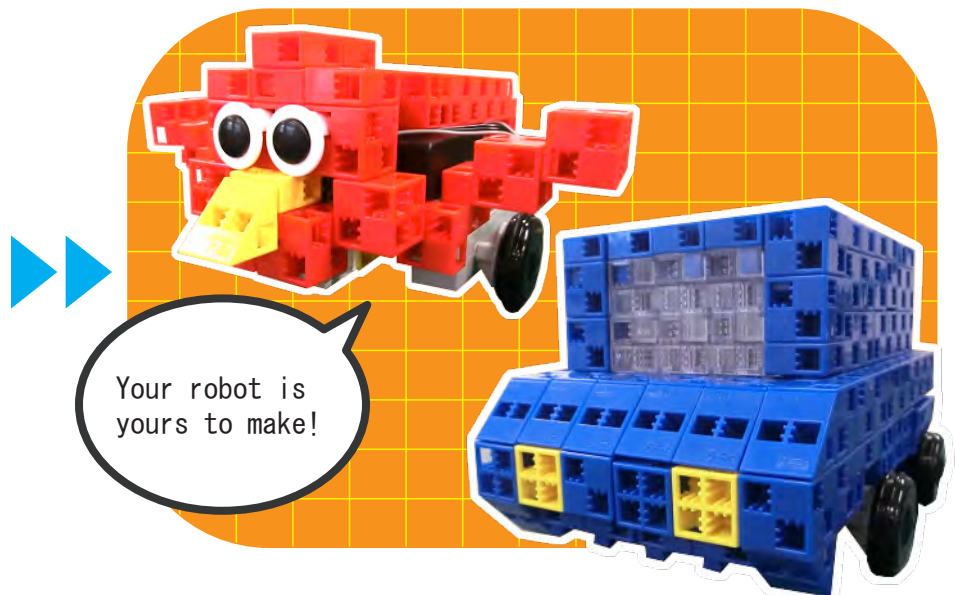


Robotist Line Tracer (base)

+



Off-the-shelf Artec blocks

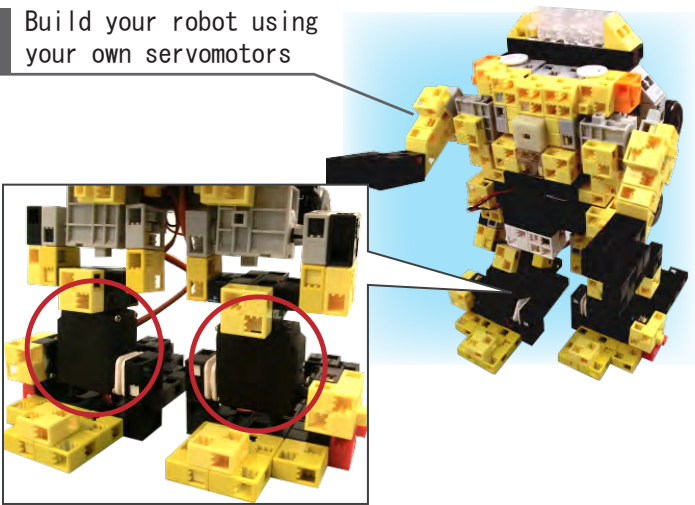




# Go **beyond** Artec products to make your robot **yours**.

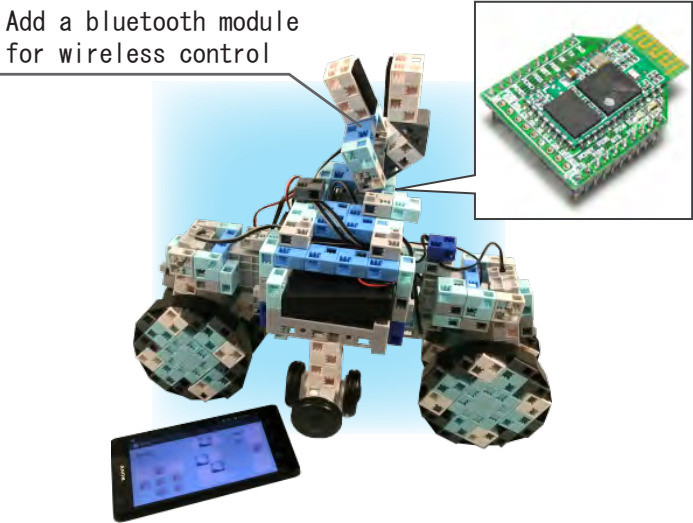
## Feature ④ Expandability

Build your robot using your own servomotors






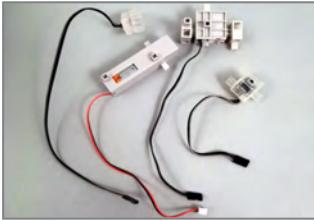
Adding a higher torque servomotor lets you control robots that would otherwise be too top-heavy to move.

Add a bluetooth module for wireless control



A bluetooth module allows you to use your smartphone to control your robot.

Whether motors or monitors, off-the-shelf compatibility makes **building a robot that's truly yours a snap**

"L" Robot Kits	Robotist
<div>&lt;Servomotor Cables&gt;</div> <div><ul style="list-style-type: none"><li>© RJ12 connectors</li><li>© Closed circuit board</li></ul></div> <div><p>Connecting third-party products can be a hassle</p></div>	<div>&lt;Servomotor Cables&gt;</div> <div><ul style="list-style-type: none"><li>© Pin headers and sockets</li><li>© Open circuit board</li></ul></div> <div><p>Connect third-party Arduino compatible motors, monitors, breadboards, or other parts</p></div>

⇒ Robotist offers an open environment and astounding compatibility

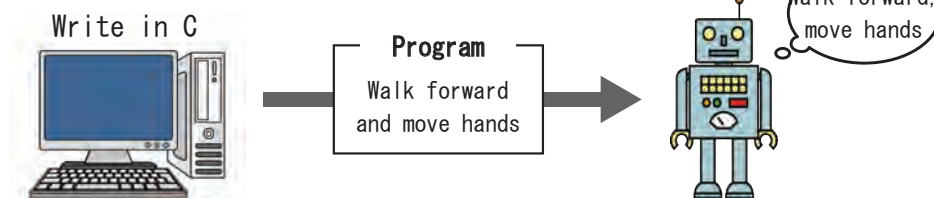


# Learn programming without limits.

Feature ⑤ All-purpose

## ① Program **autonomous commands** using **C**, a language used in schools

[Autonomous Control Development Environment]



Use a PC to transfer and write programs to your robot

So what do I need to do this?



**Just the Basic kit!**

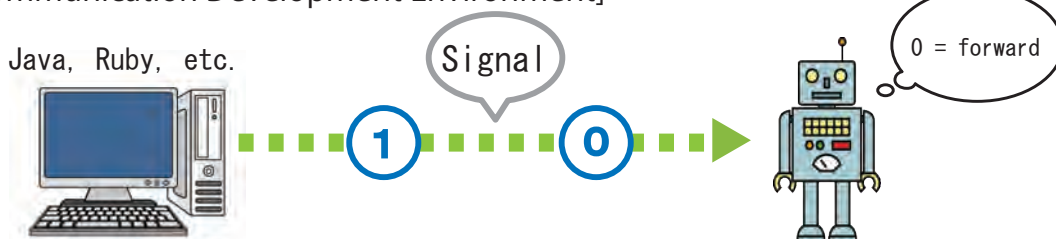
★ **Everything you need is included in the box**

Why is that?

The Arduino programming language is based on C, which allows you to control your Arduino-compatible Studuino using C. No extra purchases necessary.

## ② Use real-time communication to learn **any programming language**

[Real Time Communication Development Environment]



Send a signal to your robot via PC and the robot will respond to it

**This allows you to go through every element of your program to see if your robot responds**

For instance, you can adjust the motor by one degree increments when building a program to make your robot walk, allowing you to fine tune your program as you build it

So what do I need to do this?

ファイルの写真

A PDF file which explains what signals to use to talk with your robot



ファイルの写真

Software which allows your robot to understand the signals used in the programming language

Download them for free from the Artec website!

# Side by Side

## Robotist is...

A **robot kit** that's perfect for anyone, whether they' re a **total beginner** or a **skilled expert**!

Easy to build

Great  
for learning  
to program

Flexible  
by design

Compatible

All-purpose

### “L” Robot Educational Kits



### Robotist Advanced



Servomotor

3 (2 Types)

8

DC motor

2

Buzzer

1

LED

4

Sound sensor

1

Light sensor

1

Reflective infrared sensor

2

Touch sensor

2

1

Accelerometer

1

Ultrasonic sensor

1

Color sensor

1

Gyroscope

1