AiON

Product Brochure



neopia

Contents

01 Product Configuration

02 Learning Process

03 Systematic Coding Curriculum

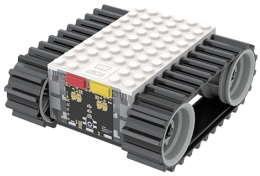
04 Key Features of AiON

05 AiON + FlatCo : More Possibilities

06 Contact / Partnership

01. Product Configuration





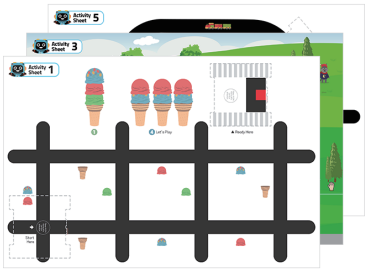
AiON



AiON Manual

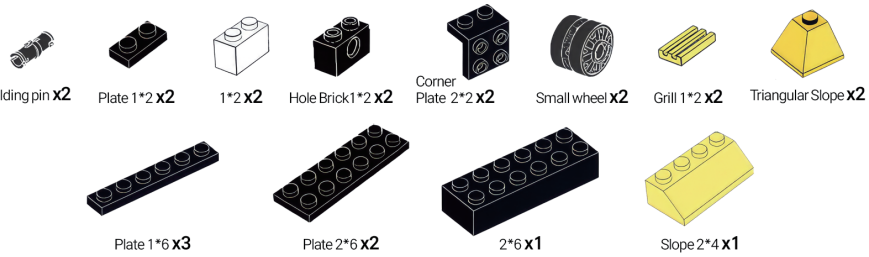


AiON E-Book 1&2



Activity Sheets and Cards

Package 1 (Block Parts)



Holding pin x2 | Plate 1*2 x2 | 1*2 x2 | Hole Brick 1*2 x2 | Corner Plate 2*2 x2 | Small wheel x2 | Grill 1*2 x2 | Triangular Slope x2

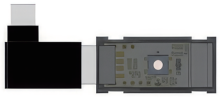
Plate 1*6 x3 | Plate 2*6 x2 | 2*6 x1 | Slope 2*4 x1

Package 2 (Activity Accessories)



Non-Slip Gel Pads
for Activity Sheets x2

Package 3 (Connection Devices)



Dongle+OTG x1

Package 4 (Activity Cards)

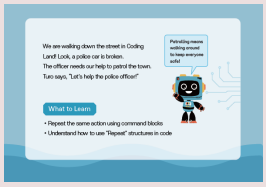


Refuel x1 | Pause x1 | Booster x1 | ! Danger x1 | Turn right x2 | Turn left x2

02. Learning Process

Coding that merely follows a given answer is meaningless.
In AiON coding, students first think through the procedures themselves and then proceed with the corresponding coding.

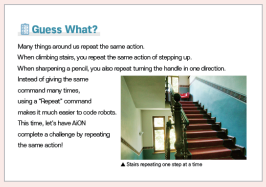
STEP 1



Start

Check out what we're going to learn and do in this lesson.

STEP 2



Guess What?

Take a look at how this is used in real life.

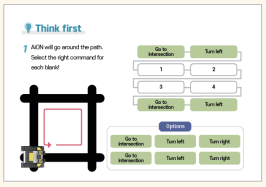
STEP 3



Our Challenge!

Check out today's Challenge and the key blocks.

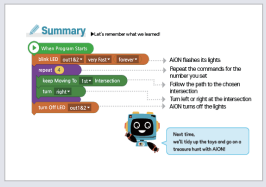
STEP 4



Think First

Plan the steps to solve the challenge.

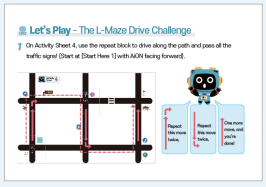
STEP 8



Summary

Let's review the key points we learned.

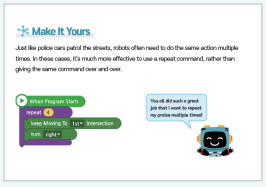
STEP 7



Let's Play

Have fun playing with what we learned.

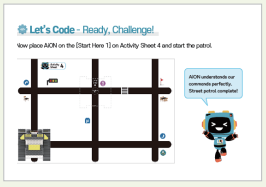
STEP 6



Make It Yours

Review what we learned and make it our own.

STEP 5



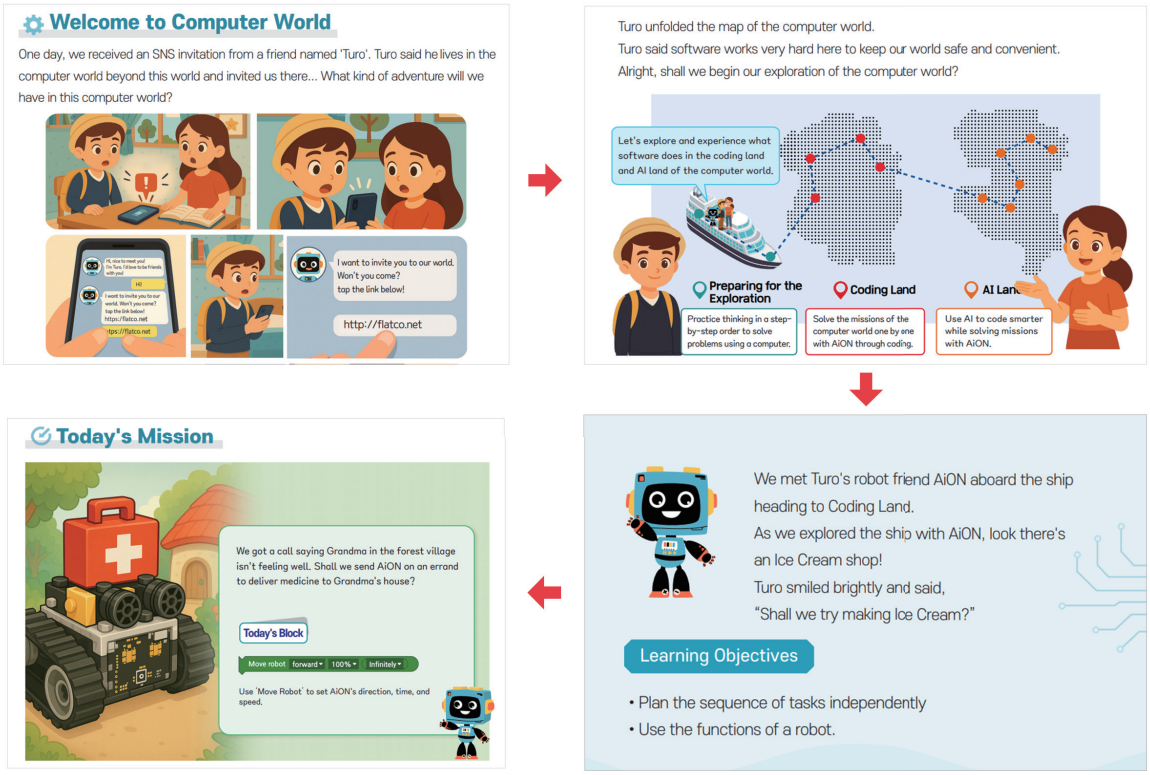
Let's Code

Solve the challenge by coding with blocks.

03. Systematic Coding Curriculum

Embark on an exciting journey into the computer world! Absolute beginners have nothing to worry about. Through familiar, play-oriented activities, children naturally and effortlessly fall in love with coding.

Our structured 3-step curriculum—[Unplugged → Basic Coding → AI Coding]—guarantees systematic growth. Starting with fun, game-like exploration, children steadily build their skills until they seamlessly master advanced AI coding.



▲Storytelling that Begins with a Journey into the Computer World



▲Example of Play Activity : "Red Light, Green Light"

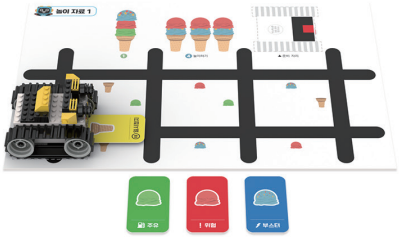


▲Play-Oriented Textbooks, Activity Sheets, and Cards

04. Key Features of AiON

1 From Unplugged Play to AI Coding

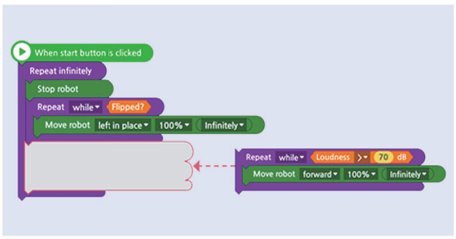
AiON brings coding to life through engaging, story-driven activities that make learning feel like play.
From unplugged activities and hands-on coding to AI-powered learning, AiON offers a seamless journey that grows with learners. With built-in features and ready-to-use activities, students can jump right in, explore, create, and solve challenges while naturally developing computational thinking and coding skills.



Built-in features and unplugged activities for pre-coding



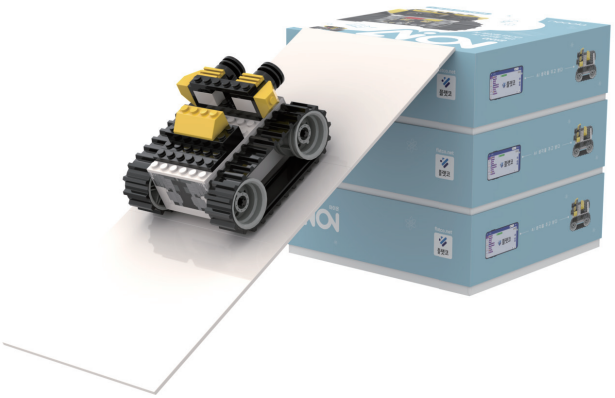
Play-centered storytelling coding



Complex code?
Just fill in the blanks!

2 Quick Connection, Reliable Performance

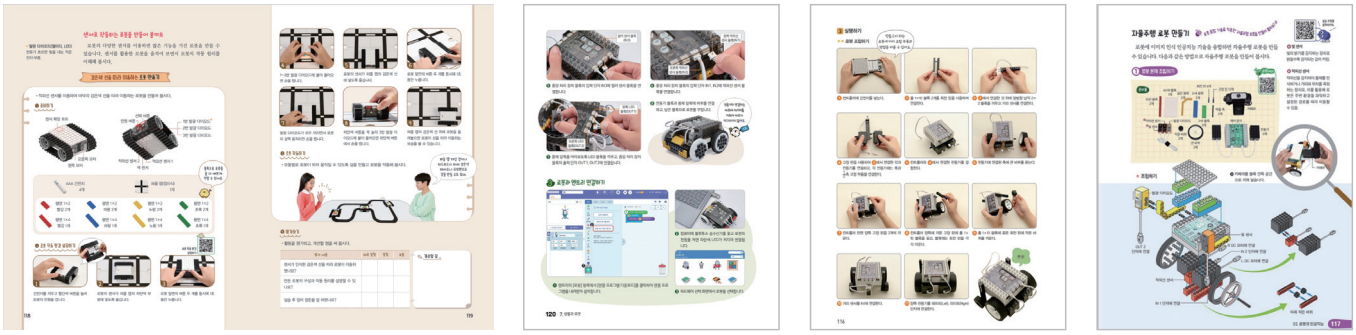
Connect quickly and effortlessly with a simple dongle, allowing multiple devices to connect simultaneously. The robot's caterpillar-type drive system provides stable operation both indoors and outdoors, while its simple, rugged design ensures excellent durability for a wide range of educational environments.





3 Trusted in Korean Classrooms

For years, NEOPIA's educational products have been widely adopted in Korean elementary school textbooks, reaching countless students through the national curriculum. Building on this trusted educational experience, AiON brings hands-on coding, robotics, and AI learning into the classroom through engaging and practical activities.



▲AiON, Featured in Official Elementary Textbooks



4 Built to Sense, Ready to Act

FlatCo lets students monitor sensor data in real time and use it directly in their code. By connecting sensor input to robot behavior, learners can explore how technology responds to its environment and develop logical thinking through hands-on projects such as line tracking and autonomous movement.

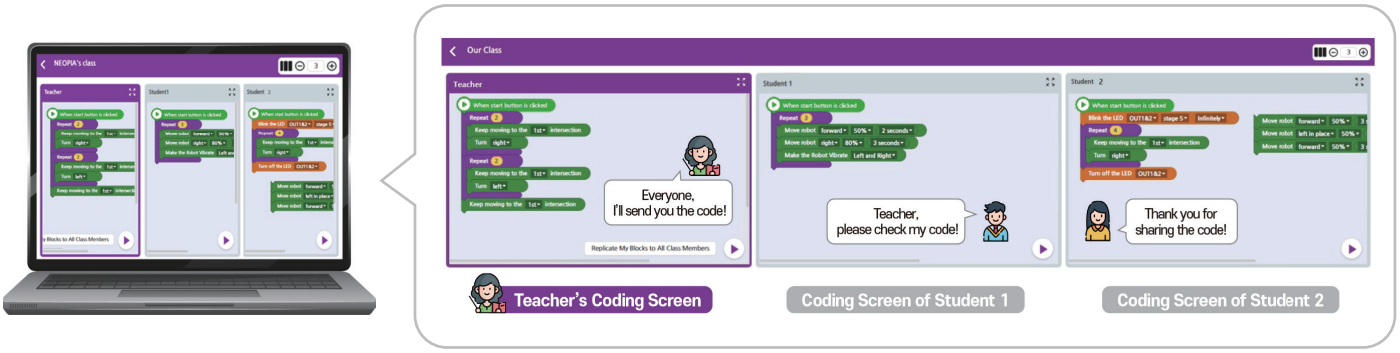


05. AiON + FlatCo : More Possibilities

1 Teach & Manage

Make Every Classroom Easier to Manage

Teachers can monitor student codes at a glance, share and duplicate code, send programs, and temporarily pause coding when needed. FlatCo also enables students to exchange code with teachers and classmates, making collaborative coding simple and efficient.



Two-Time BETT Awards Finalist

FlatCo was selected as a finalist for the BETT Awards in both 2025 and 2026.





"Innovative code sharing feature for school coding classes" ★★★★★

"Effective classroom coding platform" ★★★★★

2 Code with AI

Explore AI Through Coding

Students can apply hand, voice, text, and face recognition directly to their coding projects.
FlatCo helps learners understand AI concepts through hands-on practice, while developing coding skills, logical thinking, and problem-solving abilities.







3 Control Your Way

From Play to Programming

Start with intuitive joystick control and move into coding mode as learners build their programming skills. AiON supports different levels of interaction, allowing students to progress naturally from direct control to code-based robot operation.



Ready to Take Learning Further?

Bring AiON + FlatCo to your classroom, educational program, or business.

From hands-on coding to AI and robotics, AiON + FlatCo delivers a flexible, classroom-ready learning experience designed to grow with learners.



Interested in AiON + FlatCo?
Contact us for:
Product Information / Pricing & Quotes / Samples / Partnership Opportunities

Let's Connect

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