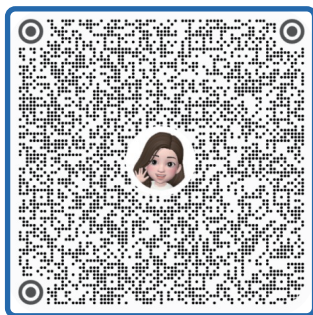




Please feel free to reach out to me.

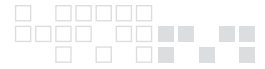
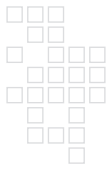
Hyojin Chae (Jin)

Global Marketing & Sales Manager

Email: hjchae@neobot.co.kr

Mobile: +82-10-3896-4220

Website: www.neopia.world



NEOPIA Turning Imagination into Reality

Powered by our AI coding platform FlatCo and robotics solutions AiON and Aible, NEOPIA enables students to enhance their creativity and problem-solving skills while supporting teachers in delivering more effective and engaging education.



Simplify Teaching, Amplify Learning. NEOPIA

1. Company Profile

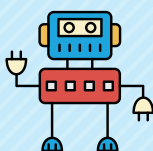
Company Name	NEOPIA Co., Ltd.
CEO	Shinwoong Sung
Establishment	Oct 2nd, 1999
Address	302, Industrial Technology R&D Center, 129, Gaetbeol-ro, Yeonsu-gu, Incheon, 21999, South Korea
Business Item	Intelligent Service Robots, Robot Educational Tools, Development and Supply of Software Applications, Educational Support Services
Website	www.neopia.world



2. History

- 1999.10** Establishment of a corporation of NEOPIA Co., Ltd
- 2000.12** Awarded by the Commissioner of the Korean Intellectual Property Office
- 2002.11** Adopting an electronic block kit as a teaching aid for electronic practice in the 7th curriculum textbook
- 2009.03** Minister of Knowledge Economy Commendation
- 2011.06** Designation of Small and Medium-sized Export-Promising Enterprises
- 2015.03** Neobot is adopted as a robot education product in practical course textbooks of Korea
- 2016.02** Development of 'Neobot' for entry coding education
- 2018.09** Neobot EDU was adopted as a robot & coding teaching tool in the 6th-grade practical course textbook of the 2015 curriculum
- 2019.11** Development of IR-based, robot automatic pairing technology
- 2020.12** Development of AI coding robot 'Neo SoCo'
- 2021.09** Development of the 6th stage of the 'Neobot' after-school robot
- 2022.01** Development of AI Self-Driving Car 'Neo-Think Car'
- 2023.05** Development of a coding education platform 'FlatCo'
- 2023.09** Launch of robot & coding teaching tools using Flatco / Development of AiON
- 2023.09** 19th Outstanding Edutech Contest Wins Excellence Award in 'Flatco' Service Field
- 2023.11** Promising Small and Medium Enterprises by Incheon City
- 2024.11** The second product using Flatco, the Mars exploration robot 'Aible' that can be everything with AI will be released

Our journey for a better classroom will continue.





The Importance of Robotics, Coding, and AI Education

1. Learning AI coding to improve problem solving and creativity

Coding learning to control AI and robots is a key tool to develop problem-solving and logical thinking skills needed in the future society. You can develop creative thinking and data processing skills by firsthand experiencing real industrial technologies such as autonomous driving and smart logistics systems. In this process, students can create their own ideas, acquire technology trends, and greatly help them explore their career paths.

2. Necessity of AI-based robot control training for future talent training

Major countries around the world are stepping up efforts to cultivate future talents through AI, robots, and coding education. The U.S. emphasizes AI as a new language, China emphasizes AI as close to industry, Europe emphasizes ethical AI, and Korea is strengthening convergence education. In line with this trend, our products use AI recognition technology. Students can use hands-on skills to solve creative problems. It helps you strengthen your digital capabilities.

3. Current Status of Coding & AI Education around the World

USA	Europe	Korea	China
Include coding in the required curriculum. With full support from the Silicon Valley industry, K-12 coding education is officially introduced	After abolishing existing information and communication technology subjects, actively coding training by adding computing subjects to school	Coding & AI education are required subjects in Middle and high school curricula. (Planning to enlarge to elementary school.) Introduction of AI digital textbooks in 2025.	Implementation of AI talent training policy at the national level Curriculum reorganization to include coding in IT compulsory training

4. Enhancing Future Capabilities with NEOPIA

Improving Logical Thinking

Nurturing Creative Talent



Preparing for the coming AI Era

Strengthening Teamwork Abilities



Challenges of Traditional Coding Education and NEOPIA's Solutions

Problems of Traditional Coding Education

Complexity of tools
A technical barrier

One teacher is unable
to provide real-time
feedback to multiple
students

The limitations of
one-sided cramming
education

Teachers who lack
an understanding of
coding have difficulty
in trying new fields of
education

Traditional coding education is often inaccessible due to tool complexity and technical barriers.
Teachers face difficulty providing real-time feedback to many students simultaneously.

Innovative Solution researched and developed by NEOPIA FlatCo & AiON, Aible

Simple plug-in
& pairing
Can be done
immediately in class
by downloading
the app

Virtual Class
Features:
Coding screens of
all students at a
glance!

AI coding
cooperative class
with code-sharing
function

Even teachers who
are new to coding
by providing class
content don't feel
pressured

Automatic language
conversion:
Global Market
Optimization
Products

Perfect solution for a classroom with a code-sharing replication function

FlatCo revolutionizes AI & Coding education for future classrooms
Cutting-edge educational tools for teaching robotics and coding seamlessly

Easy access for teachers
who are new to coding
The most intuitive and
classroom-friendly platform



A robot that moves with the code I made
Improving children's creativity
And sense of accomplishment

1



AiON
ACCESS [ON] to [AI]

2



Aible
AI Mars Explorer!



Our Brand-New Solution : Key Features of FlatCo

1. Real-time code sharing

Teachers and students can share code progress in real time and exchange feedback.



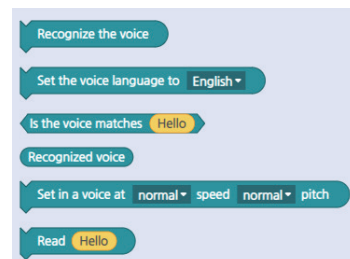
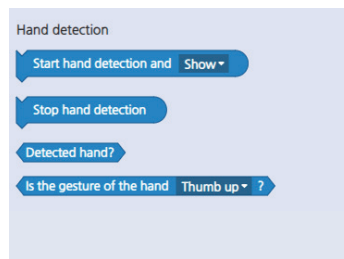
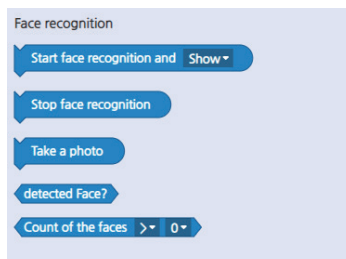
It's easy for anyone in the same class
You can share your code with everyone.



Teachers can see the entire student
code at a glance and provide real-time
customized training.

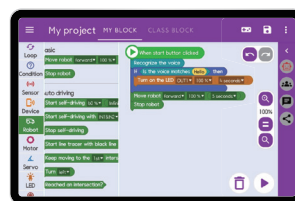
2. AI-based coding

AI recognizes voice, face, hand, text, etc., and reflects them in the program Additional machine learning can be applied across a variety of devices



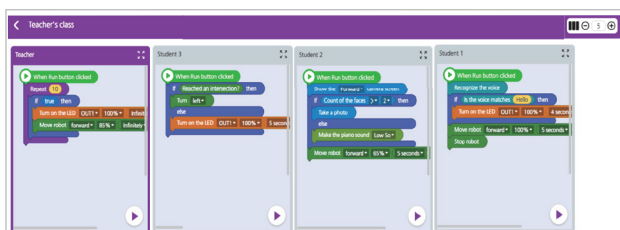
3. Compatible with a variety of devices

Convenient platform for all PCs, smartphones and tablets



4. Avatar Mode (Shared Robot)

Even if a teacher has only one robot, students can share (Teacher runs robot remotely)
Control the robot together after coding each other



Multiple Students
Can Control 1 Robot



Full Product Line of NEOPIA



[Electronic circuit training] NEO CirCuit

Education for	A range of ages over 7 years of age
Advantage	Blocked Electronic Experiment Kit. The world's first NEOPIA patented product
Use of learning	Can be taught by incorporating the basics of Robot & Coding into Electronic Circuits
Educational Purpose	Basic & Deep Learning of Electrical/ Electronic Required Circuits



[Robot & Block Making] Neobot Series

Education for	A range of ages over 7 years of age
Advantage	Assembling 12 robots in stages with a total of six-stage products. Accumulated upgrade is possible
Use of learning	Assembling a variety of robots to help improve children's creativity
Educational Purpose	Can focus on Robot Making and Basic Coding Learning



[Robot & Coding Education]

NEOSoCo

NEO Think-Car

Education for	All grades in elementary school	A Beginner in Coding
Advantage	All SW training is possible, From Robots to Coding IoT	Can learn A to Z of advanced self-driving car functions
Use of learning	After learning the principles and applications of sensors, it can be expanded to IoT and AI	Coding and experience of autonomous driving functions. Various contents with 3 self-driving car types
Educational Purpose	Basic Robot & Coding Course	Learning Self-Driving Vehicle Functional Coding

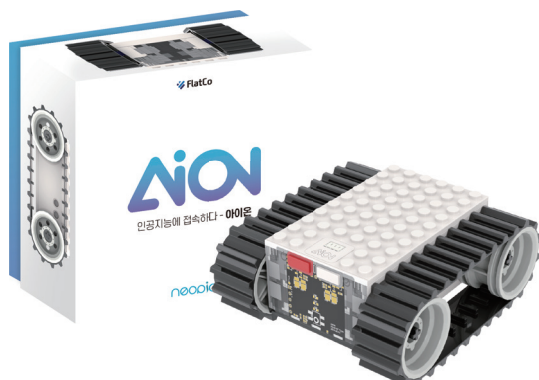


[AI & Coding Education]

AiON

Aible

Education for	A Beginner in coding	Beginner & Intermediate in Coding
Advantage	Complete robot with Built-in essential sensors for Robot training	Modular design for assembly. Advanced Robot Designed with the Concept of Mars Exploration
NEW With FlatCo	FlatCo platform enables real-time code sharing and collaboration	Support for AI coding learning based on voice, hand, and text recognition through the FlatCo platform
Educational Purpose	Suitable for basic Robot control and Coding learning	Intermediate level Robot control and AI-based Coding Learning



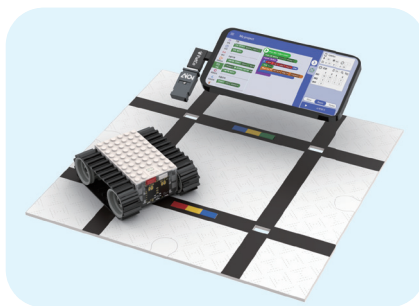
Robot & Coding & AI Educational Tool With Shared Platform FlatCo

- ✓ A robot that even coding beginners can learn easily
- ✓ All-in-one complete robot with built-in sensors essential for robot training
- ✓ Real-time code sharing and control learning in conjunction with FlatCo

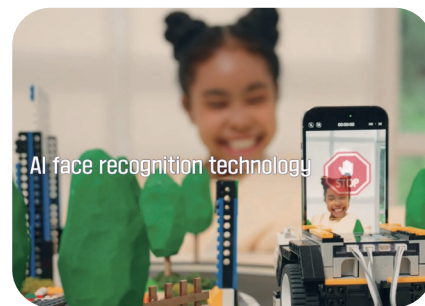
What Can we Learn?



Learn a variety of physical computing using devices
: Gyro sensor, brightness



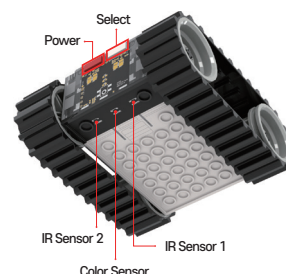
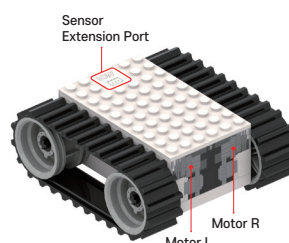
Utilize AiON built-in sensors
Creative and new content
: Infrared sensor, Color sensor



Voice, face, hand, and text recognition
AI functions that can be used in various ways

Specification

Size (W x D x H)	16 x 6 x 16 (cm)
Weight	540g
Configuration	Complete Body, Map, Dongle USB, Color Block
Coding Tool	FlatCo



AiON is the easiest and most effective accessible product for both teachers and students who are new to Robots, Coding, and AI Education!



Deepening Mars Exploration with Rich Storytelling AI Coding Robot

- ✓ A robot that even coding beginners can learn easily
- ✓ All-in-one complete robot with built-in sensors essential for robot training
- ✓ Real-time code sharing and control learning in conjunction with FlatCo

What Can we Learn?



Rich storytelling set on Mars
: Submission to help creativity



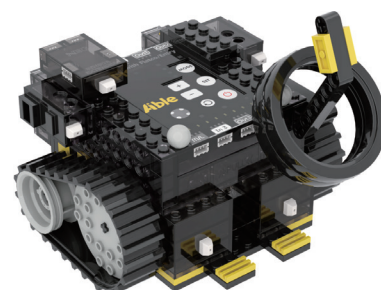
Can learn various AI technologies
: Voice, Hand, Face recognition
& Cooperative Machine Learning



Robot & AI & coding in-depth
education optimization
products with build-up robots

Specification

Size (W x D x H)	16 x 10 x 16 (cm)
Weight	600g
Configuration	Robot Body, Dongle USB, 2 Motors, 2 sets of Tire wheels, 2 sets of Caterpillar Wheels, Extender, 2 Line IRs, 2 Side IRs, 1 Color Sensor, 1 LED block, 1 set of mirror kit for Camera, Block set
Coding Tool	FlatCo



**Master coding and machine learning with
AI-powered tools designed for creativity and problem-solving.**
Based on creativity, robot making that can be modified and confirmed With Aible,
you can learn the core of coding, robots, and AI in the deepest and clearest way!

NEOBOT



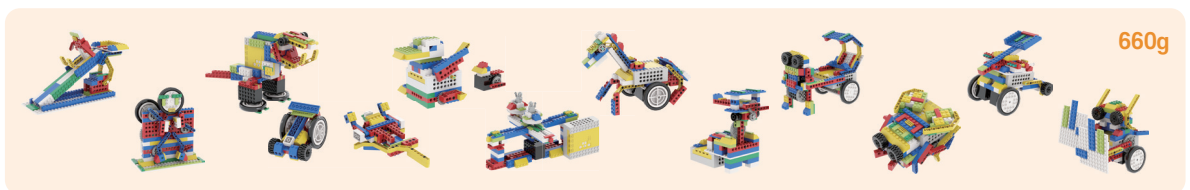
Systematic robot & coding teaching tools
based on interest-inducing

- ✓ Multi-level robot coding learning
- ✓ 12 robots can be made in 6 stages
- ✓ Advanced to basic upgrade robot making & coding learning

Size (W x D x H)	31 x 8 x 21 (cm)	Weight	Differences by-product
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810g



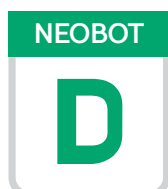
660g



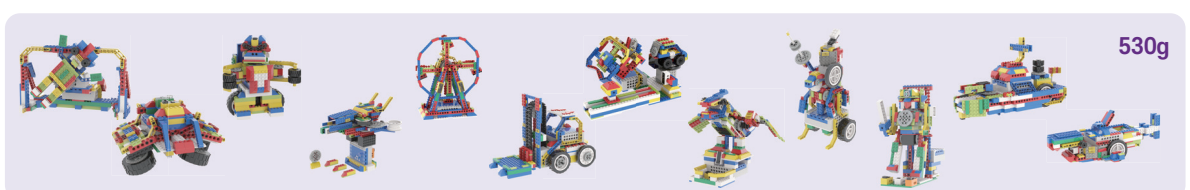
750g



730g



570g



530g

*NEOBOT is a step-by-step cumulative robot and cannot be used without a previous step product.

NEO SoCo



The basics of easy and fun learning Robots & Coding

- ✓ Effective learning of the core of robot and coding training
- ✓ Create your own AI robot using machine learning!
- ✓ The basics of robots and sensors can be the most accurate and easy!

Size (W x D x H)	28.5 x 7 x 20.5 (cm)	Weight	730g
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NEO Think-car

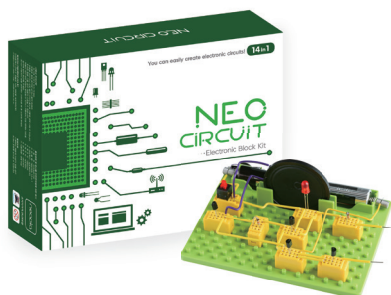


All about the self-driving car

- ✓ Create a car out of blocks and learn by applying each function of the 'Advanced Driver Assistance System' (ADAS) through coding.
- ✓ Various contents of color sensor utilization, obstacle recognition, and AI content can be practiced by providing 3 self-driving car types.

Size (W x D x H)	37 x 9 x 25.5 (cm)	Weight	1.5kg
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NEO CIRCUIT



World's First NEOPIA Patent Product Electronic Circuit Learning Kit

- ✓ Basic + Application Curriculum for Electrical/Electronic Circuits
- ✓ Easy and safe by simply connecting parts and wires to the base plate without tools!

Size (W x D x H)	22.5 x 5.5 x 16.5 (cm)	Weight	250g
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Meet NEOPIA in Many Places!



Official educational tools selected by the Korean government



'NEOBOT Edu Smart' has been officially adopted in 6th-grade elementary school textbooks in Korea and used as a robot & coding educational tool in about 4,000 schools



Invention Center & Special Class for the Gifted Young



A program to enhance students' problem-solving skills by utilizing NEOPIA products which is an advanced educational tool for improving creativity



After-school class



After-school activities to create and code robots using the Neobot series



Teacher Training



Teacher training program to learn how to easily educate students about coding and robots with NEOPIA products