

Aible

Product Brochure



neopia



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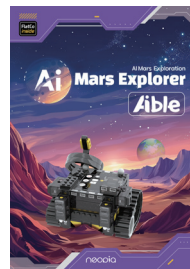
01. Product Configuration



Able Controller



Dongle+OTG



Able Textbook



Able Mission Map

1 x2 Two-way 1x2 x4 Two-way 1x4 x2 Slope 2x4 x2 Ball Joint x12 Two-way Plate 2x2 x4 Plate 2x4 x2 Plate 2x6 x4 Plate 1x10 x1 Plate 2x10	2 x2 Axle 24 x1 Plate 2x10 x2 Large Wheel x2 Large Tire x2 Motor Block	5 x3 Pin x2 Plate 1x2 x1 Round Hole x1 Curved 1x9 x2 Small Wheel x2 Caterpillar Tracks	6 x1 Plate 1x2 x1 Plate 1x3 x1 Plate 2x4 x2 Two-way (Special) x1 Sensor Extender x2 Side IR Sensor
3 x2 Half Fixer x2 Stub Axle x1 Block Separator x2 LED Block x2 Line IR Sensor	4 x2 Plate 2x2 x1 Plate 2x6 x1 Color Sensor	7 x2 Grille 1x2 x2 Plate 2x2 x2 Plate 2x4 x1 Plate 2x10	8 Coding App

02. Intended Users



School teachers
who are preparing
easy and simple
coding classes

Children who want
to try exciting coding
missions with
their classmates



Students who
want to broadly
apply the coding
lessons they
learned in
textbooks



Children
who want to
experience space
exploration through
AI coding



03. Learning Process

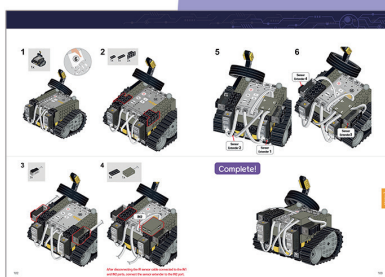
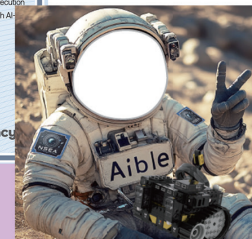
Each adventure proceeds with Data Collection – Robot Assembly – AI Coding Learning – Code Execution, and after completing all exploration missions, students receive a Space Exploration Certificate.



Explore the Mars, and brief on exploration information.



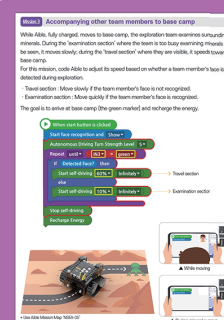
Take a selfie after receiving the exploration completion certificate!



Assemble the robot to match the terrain to be explored.



Learn coding and AI functions



Class Block ▲



Import Friend's Code ▲

Code according to the exploration plan to solve the Mars exploration mission.

04. Key Features of Aible

1 Immersive AI Coding – Explore, Solve, Create

Aible brings AI coding into real-world and space exploration scenarios. Inspired by NASA's Perseverance rover missions on Mars, students use AI and coding to navigate challenges, solve problems, and accomplish mission-based tasks. Through immersive learning, they develop computational thinking and problem-solving skills while experiencing how AI can be applied beyond the classroom.



2 Officially Adopted for Classroom Learning

Aible is featured in elementary school Practical Arts textbooks, supporting the software and robotics curriculum with AI coding. Designed for hands-on learning, Aible connects textbook knowledge with coding, problem-solving, and real-world applications.



- Elementary 6th Grade Practical Arts textbook with NEOPIA's products (Actual Page) -



3 Build a New Robot for Every Mission

Reconfigure Aible to tackle different Mars exploration challenges. Every rebuild creates a new robot, a new mission, and a new coding experience. Learn, build, code, and explore—again and again.



4 Your Mars. Your Mission. Your Adventure.

Explore realistic Mars environments through mission-based activities. Use mission maps to navigate new terrains and rebuild Aible for different challenges. Every mission offers a new way to build, code, explore, and solve.

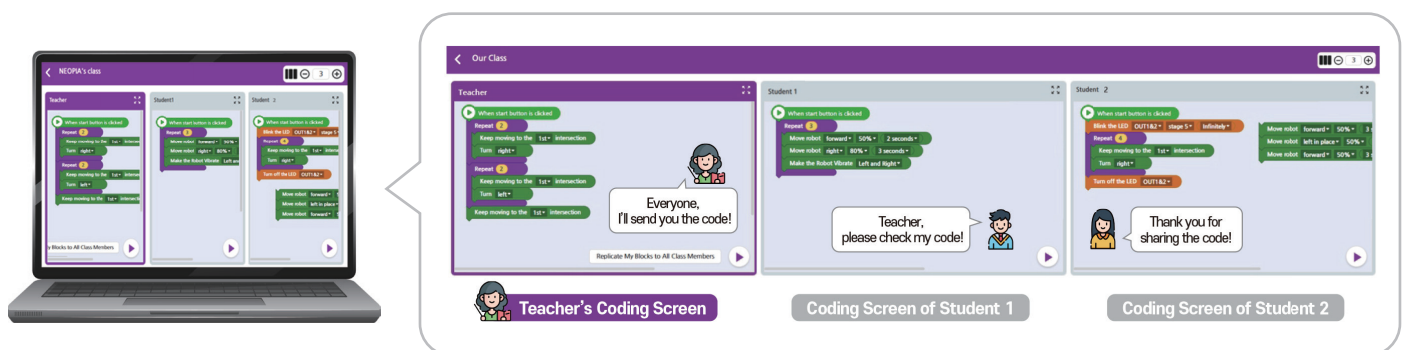


05. Aible + FlatCo : More Possibilities

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" ★★★★★

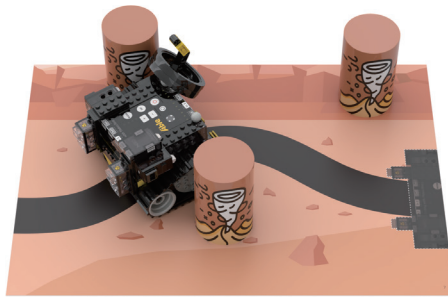


2 Code with AI

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.

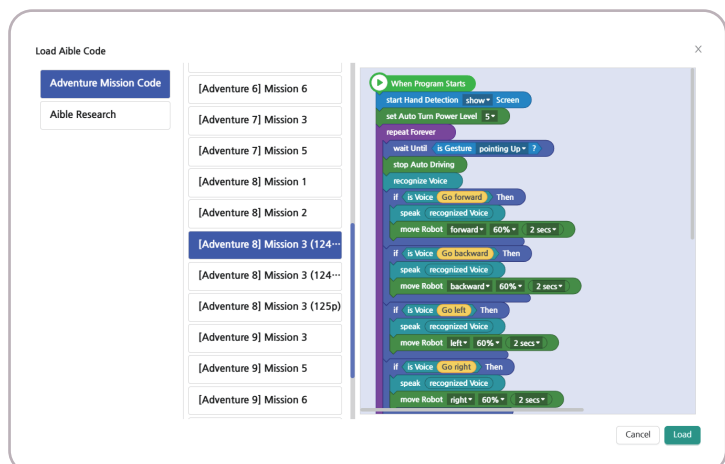
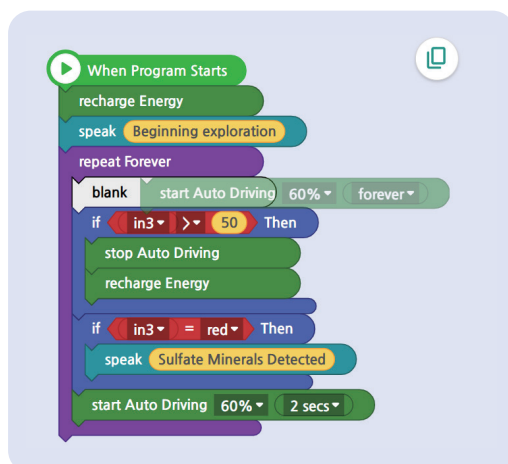


3 Learn & Build

START SIMPLE. GO FURTHER.

Start with guided activities and fill-in-the-blank coding that encourages active participation while helping teachers monitor each student's learning.

Students can load the complete code for each chapter or a fill-in-the-blank version, making longer programs less overwhelming and learning more continuous.



Ready for Your Next Mission?

Bring Aible + FlatCo to your classroom, educational program, or coding camp.

From AI coding to hands-on robotics and Mars exploration, students can build, code, rebuild, and take on new missions with one versatile learning platform.



Interested in Aible + FlatCo?

Contact us for:

Product Information / Pricing & Quotes / Samples / Partnership Opportunities

Let's Connect



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Thank you!

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