



Pyxel Coding Pet Learning Resources EI-1130

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Pyxel Learning Resources EI-1130 Coding Robot

The Pyxel interactive dog by Learning Resources is an innovative educational toy that makes it easy for children to start their coding journey using either the intuitive Blockly interface or Python. Visual code blocks allow for a quick understanding of basic programming constructs and logic. The robot teaches logical thinking, allowing the youngest to learn through play. The toy is suitable for children aged 8 and above.

Advanced Skill Development

Thanks to the intuitive Blockly programming language, Pyxel offers a simple way to understand coding logic through drag-and-drop code blocks. Children can develop their skills, prepare for real programming, and also enhance analytical thinking and problem-solving skills. More advanced users have the option to use Python.

Wireless Creativity

Pyxel is equipped with secure, password-protected Wi-Fi, allowing for wireless programming and updates. This feature enables children to interact with the robot in a modern and safe way without the need for cables.

Interaction and Control

With the included Code Activator remote, children can control Pyxel and issue up to 6 commands from a distance. The ability to immediately translate code into action develops the skill of predicting and analyzing the consequences of their actions.

Color-Coded Programming

The Pyxel robot is equipped with LED lights that children can program to change colors depending on the actions performed. Programming color changes and light sequences develops understanding of basic electronics.

Sensors and Reactions

The Pyxel interactive dog is equipped with sound, touch, and proximity sensors, allowing for interactive play. The robot responds to noises, touch, and changes in its environment, teaching children the basics of automation and reactive programming, and providing a practical introduction to the world of automation and artificial intelligence.

Emotions and Expression

Pyxel can express emotions through programmable facial expressions, allowing children to explore the emotional side of technology and also teaching empathy and understanding of non-verbal cues. Petting the robot makes it show joy, further supporting the development of social skills.

Sound and Communication

The toy features a built-in speaker that allows for programming sounds or words, introducing an auditory element to the interaction with Pyxel. Children learn how sound can be part of machine programming and communication with the user.

Motion and Reaction

Children can program Pyxel's movements, including wagging its tail, allowing for a physical representation of the code in action. This practical experience with motion coding is not only fun but also develops understanding of causes and effects.

Included in the Set:

Pyxel Coding Robot with integrated Wi-Fi

Code Activator remote control

Micro USB cable

Guidebook

Manufacturer

Learning Resources

Model

EI-1130

Intended for

Children aged 8 and above

Height

19 cm

Length

22 cm

Code Activator remote power supply

2 AAA batteries (not included)

Connectivity

Built-in Wi-Fi (password-protected)

Programming Languages

Blockly and Python

User Interface

Accessible via tablet or computer

Preço:

€ 155.00

Mother and child, Toys, Educational