

micro:bit

Micro: bit Starter Kit

From now on, give your child an environment to learn programming and win at the starting line.



Configuration Instructions

With Micro:bit V2 board



Full configuration Ready to play

Without Micro:bit V2 board



Suitable for users with Micro:bit

*This kit works with BBC micro:bit board

Equipped with Micro:bit V2 board



Touchable LOGO



Built-in microphone



Built-in speaker



Upgraded connector edge

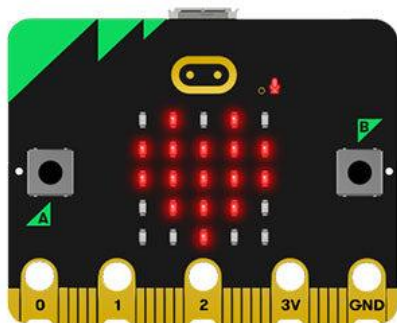


Built-in sleep and shutdown mode

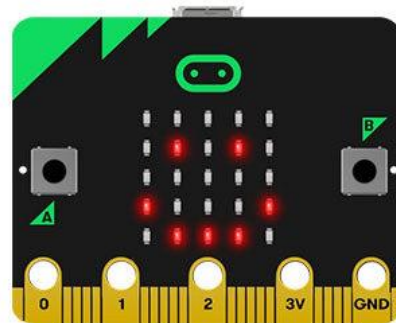


CPU performance improvement

This kit is compatible with both new and old micro:bit board



Micro:bit board (V2 new version) [Default]



Micro:bit board (old version) [Compatible]

Starter kit based on Micro:bit

The kit contains dozens of electronic components, including a variety of sensors, which are rich in content and convenient for DIY expansion. The kit is rich in information and each experiment has an electronic document to explain, from principle to wiring to graphic programming.



Inside of the kits

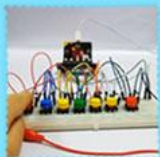
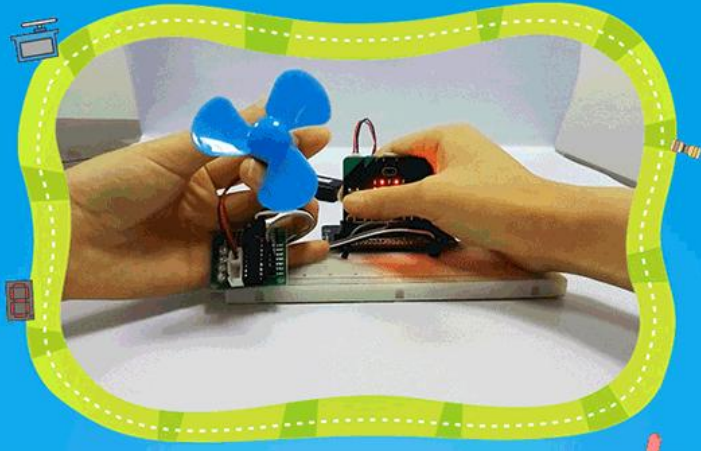


Micro:bit takes children into the coding world.



Creative Expansion Experiment

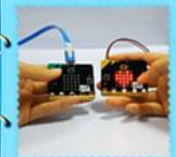
Micro:bit kit contains a variety of creative sensor experiments and manual expansion experiments



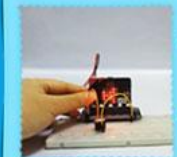
2. Little Electronic Keyboard



3. Don't touch me



4. The beating of two hearts



5. Little speakers



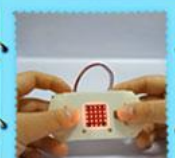
6. Beautiful photos of small animals



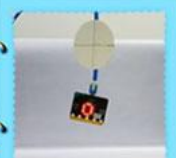
7. Shake the dice



8. See how far away from me



9. Pick Fruit Game



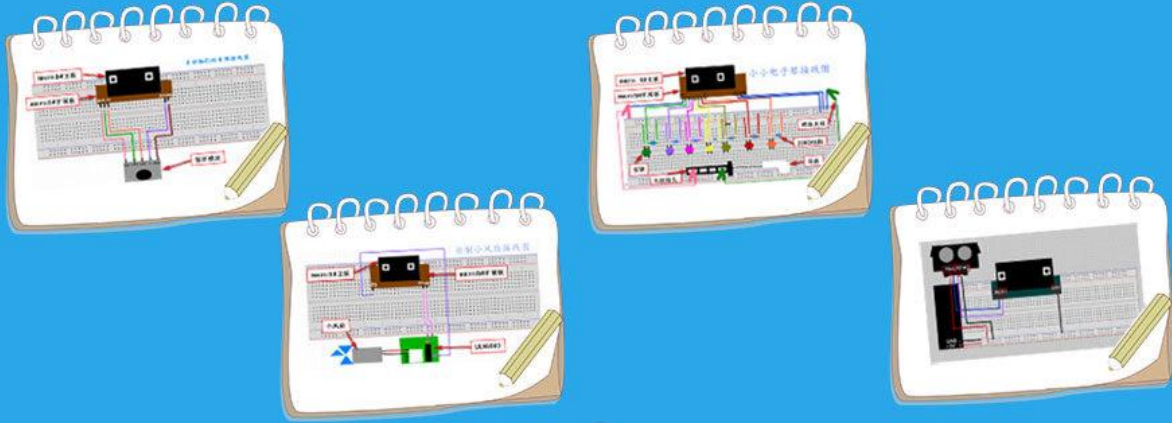
10. Target scoring

The Micro: bit learning kit is rich in information and detailed in explanation. There are total 23 lessons, from basic introductory learning to sensor application development, to manual DIY, teaching children step by step in-depth learning.



Simple wiring , easy operation Exercise your child's ability by hand

Tips: Be careful when using scissors, crocodile clips and other tools during the Micro: bit kit experiments.



Comprehensive Electronic Components

The Micro: bit starter kit contains dozens of electronic components, including light-emitting modules, sound modules, ranging modules, power supply modules, etc., and it's enough for small makers to learn and experiment.



Mass course materials

The course also supports
Micro:bit V1 and V2 board



Micro:it V2 Function Distribution

The Micro:bit V2 board leads to a 25-pin IO expansion port, which can easily be used for various programming-related teaching and development scenarios, such as writing video games, robot control, scientific experiments, and wearable device development, etc.



Micro: bit programming tool

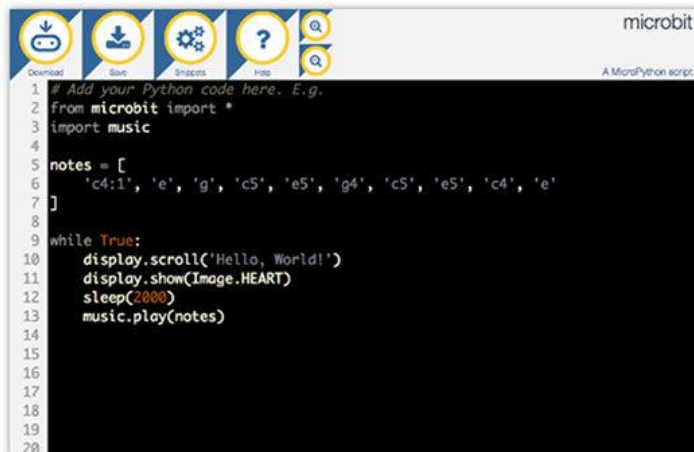
Power your imagination with coding

JavaScript blocks Editor (Pxt)



Micro: bit JavaScript Blocks Editor editor is based on WEB services, and make it easy to use the graphical editor and JavaScript for programming instead of downloading local programming tools.

Python Editor



The Python editor is very suitable for those who want to continue to learn programming in depth, through a series of code snippets, various pre-made images and music to help you program.

Android and iOS App



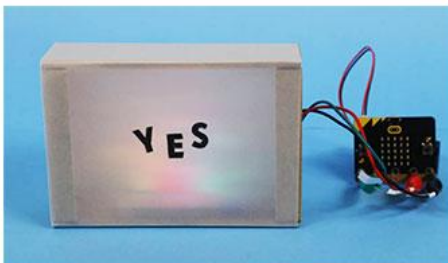
In the Micro: bit application, you can wirelessly transfer codes to the micro:bit board via Bluetooth.

More Scenarios based on Micro:bit

Micro: bit can be connected to various electronic components through alligator clips, reading sensor data, and controlling the steering gear and RGB light strips. It can be used in various programming-related teaching and development scenarios.

Micro: bit can also be used to write electronic games, sound and light interaction, robot control, scientific experiments, wearable device development, etc.

[3D printing project]



[Lightbox production].



[Robot Performance Control]



[Heart Rate Monitor]

Product Details

