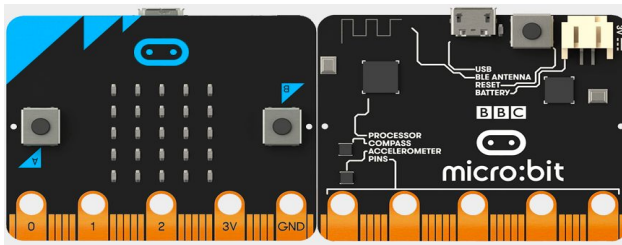# micro:bit | Get Connected
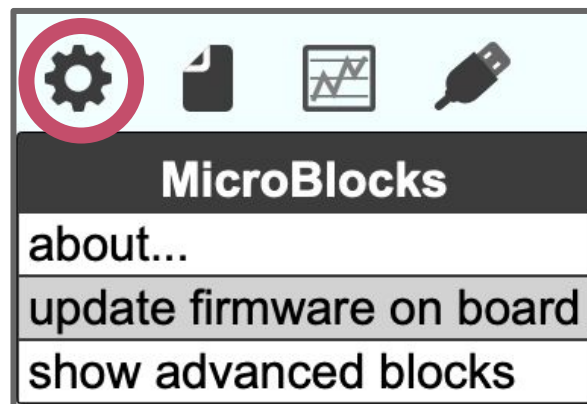
Visit microblocks.fun and download
MicroBlocks for free!
Note: On Macs, you must right click on the MicroBlocks app and select Open the first time.
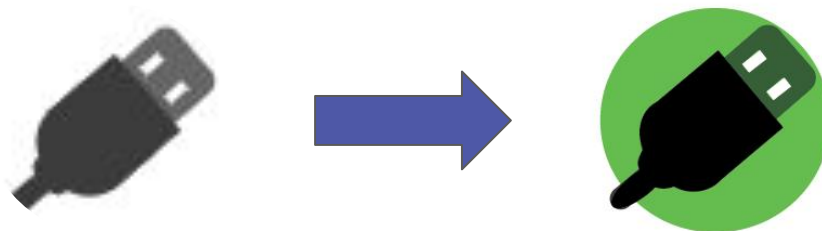
Connect the micro:bit to a computer with a USB cable
Make sure the USB cable is not a *power only* cable.

In MicroBlocks, click the gear icon ⚙ to install the firmware.
You can skip this step if the firmware is already installed.

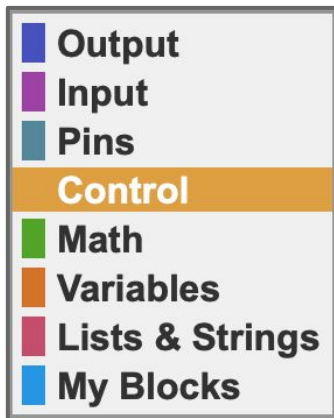A green circle will appear, showing that the micro:bit is connected.
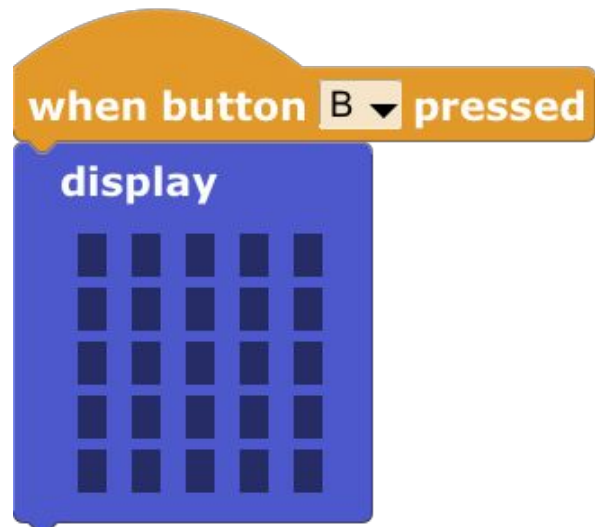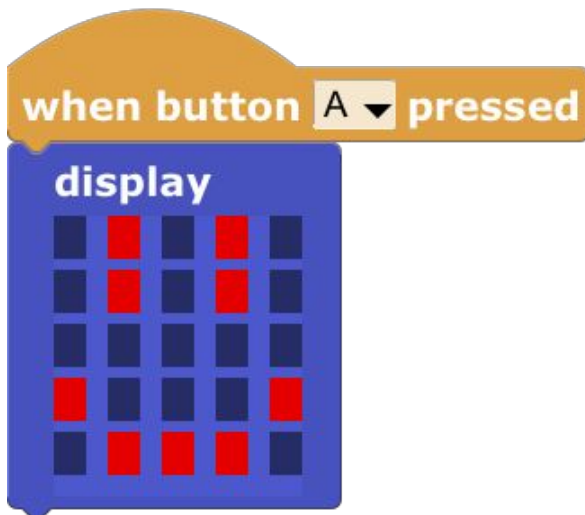
micro:bit | Buttons

Connect the micro:bit to MicroBlocks.

Go to Control and drag two button blocks into the scripting area. Use the menu to change A to B in one of them.

Output
Input
Pins
Control
Math
Variables
Lists & Strings
My Blocks

when button A ▼ pressed

when button B ▼ pressed

Try these scripts to make the buttons on the micro:bit turn the LED display on and off!

when button A ▼ pressed
display

when button B ▼ pressed
display

Edit the display block by clicking on the small boxes. Click on a box and drag while holding down the mouse to change multiple boxes at once.

micro:bit | Animations

Connect the micro:bit to MicroBlocks.

Create animations of letters, numbers, shapes, and symbols using the display, wait, and repeat blocks. Can you make your name?

http://microblocks.fun
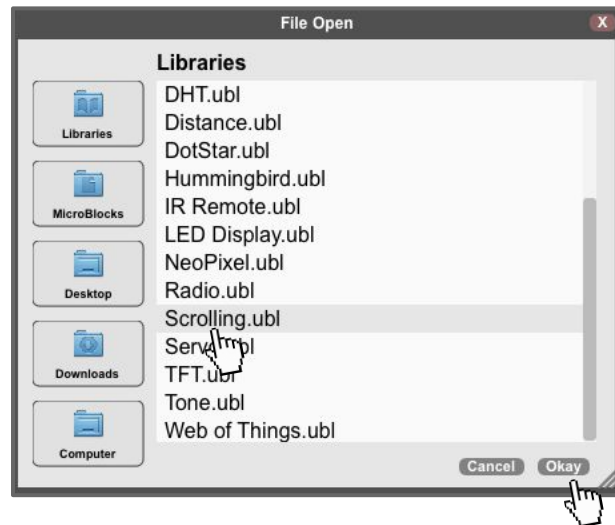
micro:bit | Scrolling Text

Connect the micro:bit to MicroBlocks.

To scroll text across the LED display, you'll need to add a library.
Click on the plus next to libraries and select *Scrolling*.

Libraries +

Scrolling

File Open

Libraries

Libraries

MicroBlocks

Desktop

Downloads

Computer

DHT.ubl
Distance.ubl
DotStar.ubl
Hummingbird.ubl
IR Remote.ubl
LED Display.ubl
NeoPixel.ubl
Radio.ubl
Scrolling.ubl
Servo.ubl
TFT.ubl
Tone.ubl
Web of Things.ubl

Cancel Okay

Drag the **scroll text** block into the scripting area.
Click the text to customize it!

scroll text HELLO ROSA!

You can also scroll numbers.
Try out this script to create a countdown!

scroll number 3
scroll number 2
scroll number 1
scroll text GO!

http://microblocks.fun