microBlocks®
Small, Fast, Human Friendly

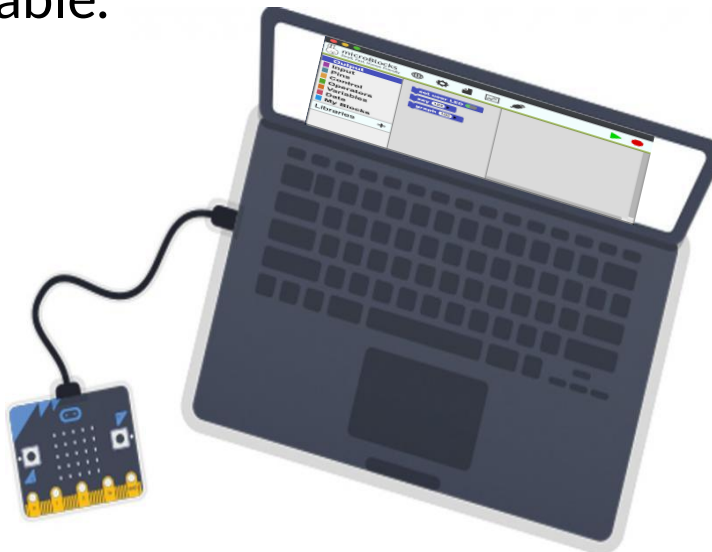# Let's Get Started!

v1.0

MicroBlocks | Getting Started

1 Download and install MicroBlocks for free!
https://microblocks.fun/download *(or see step 1*)*
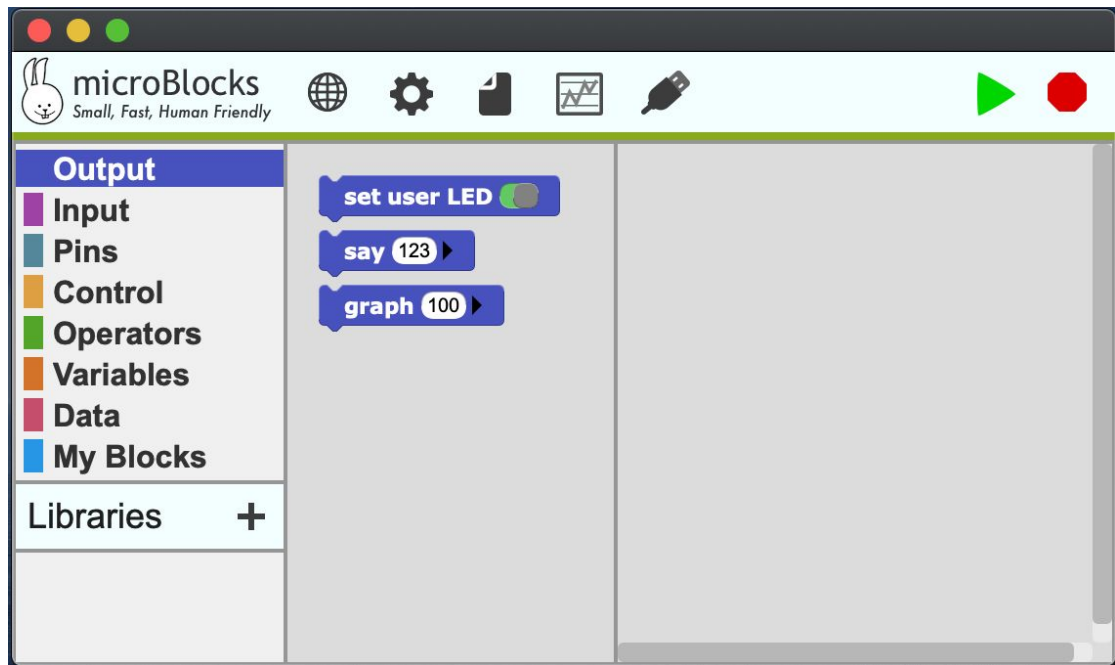
2 Connect the micro:bit to your computer with a USB cable.

http://microblocks.fun

1 *

A **browser version** is available for Chrome and Edge browsers.
https://microblocks.fun/run/microblocks.html
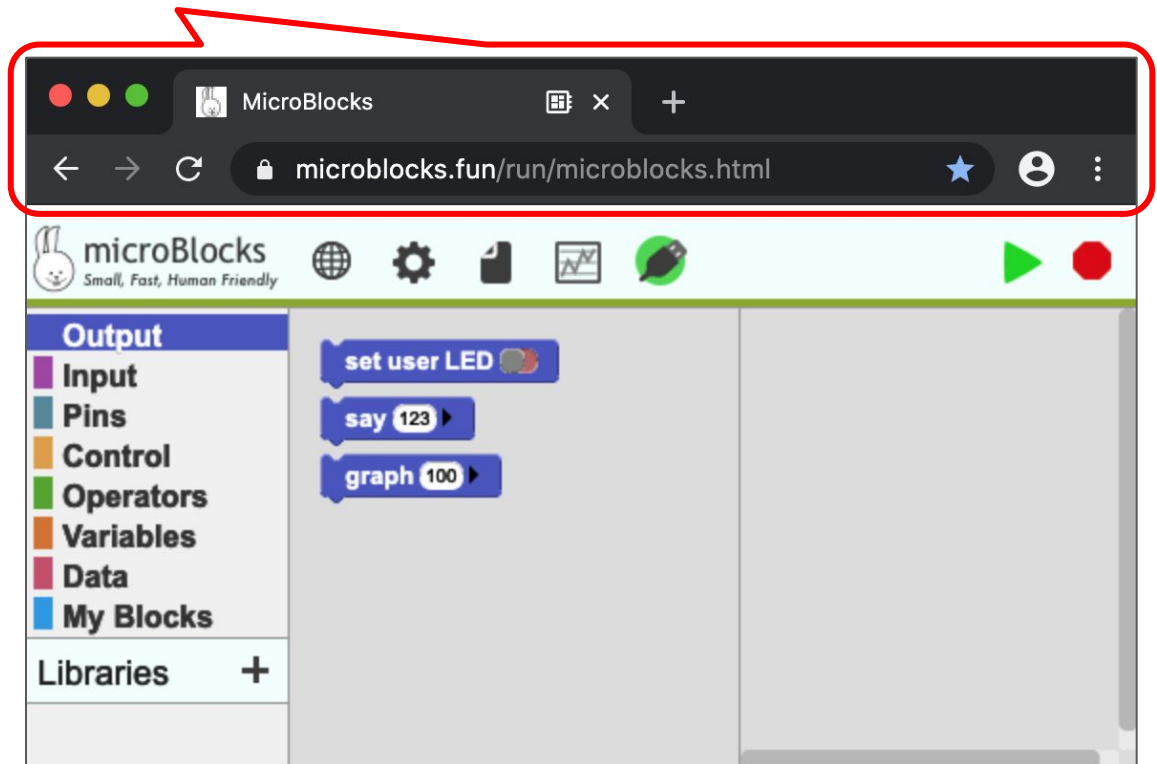
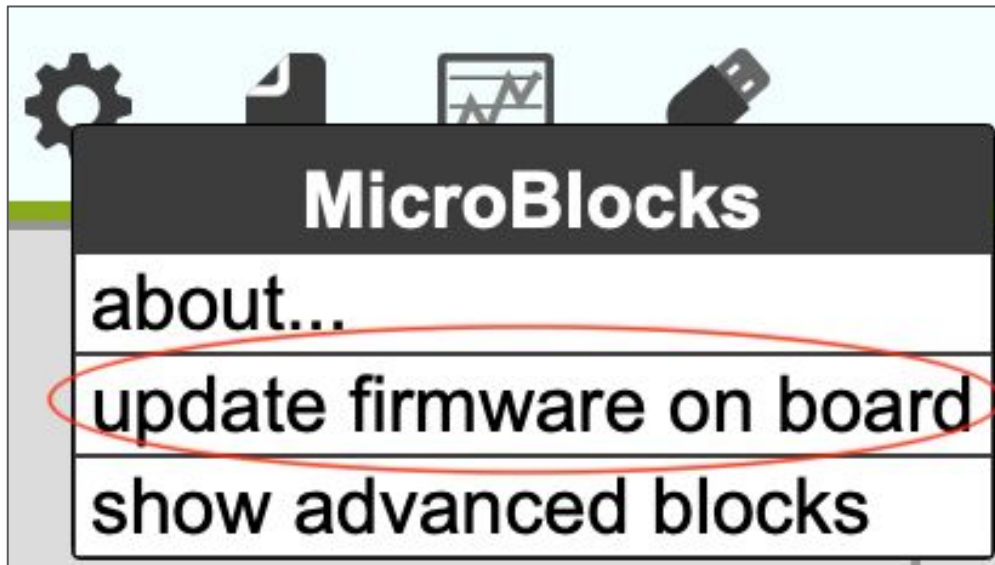Since WebSerial is still experimental, in **chrome://flags** enable "Experimental Web Platform features".
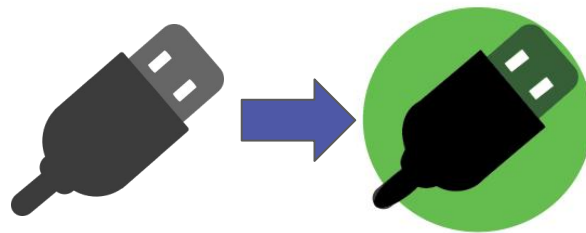
http://microblocks.fun
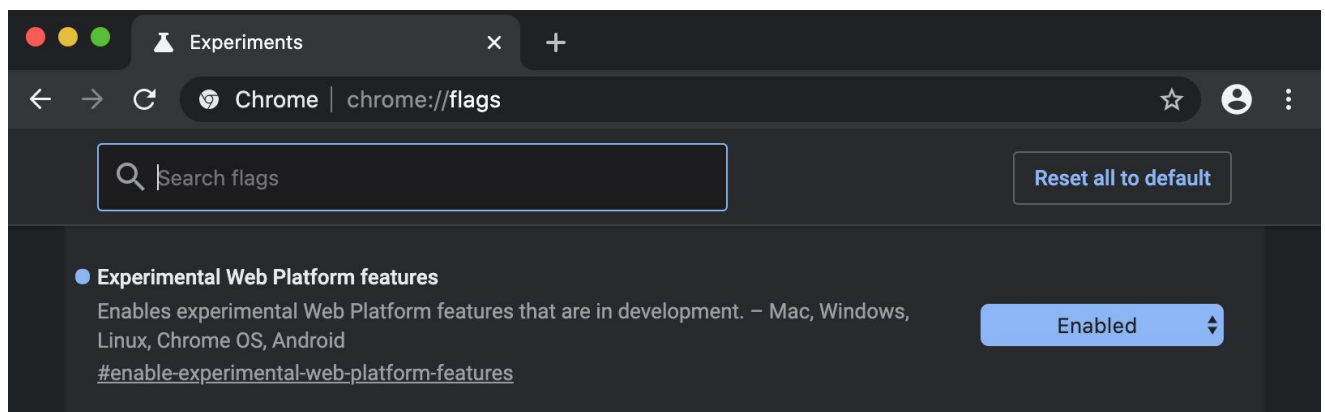
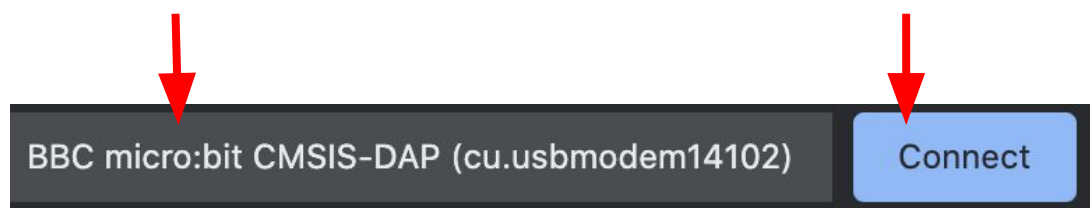**3** Open MicroBlocks and click the gear icon to install the micro:bit firmware (first time only).

4 A green circle will automatically appear, showing that the micro:bit is connected.

In the browser version click the above USB icon, select "BBC micro:bit", then click connect.
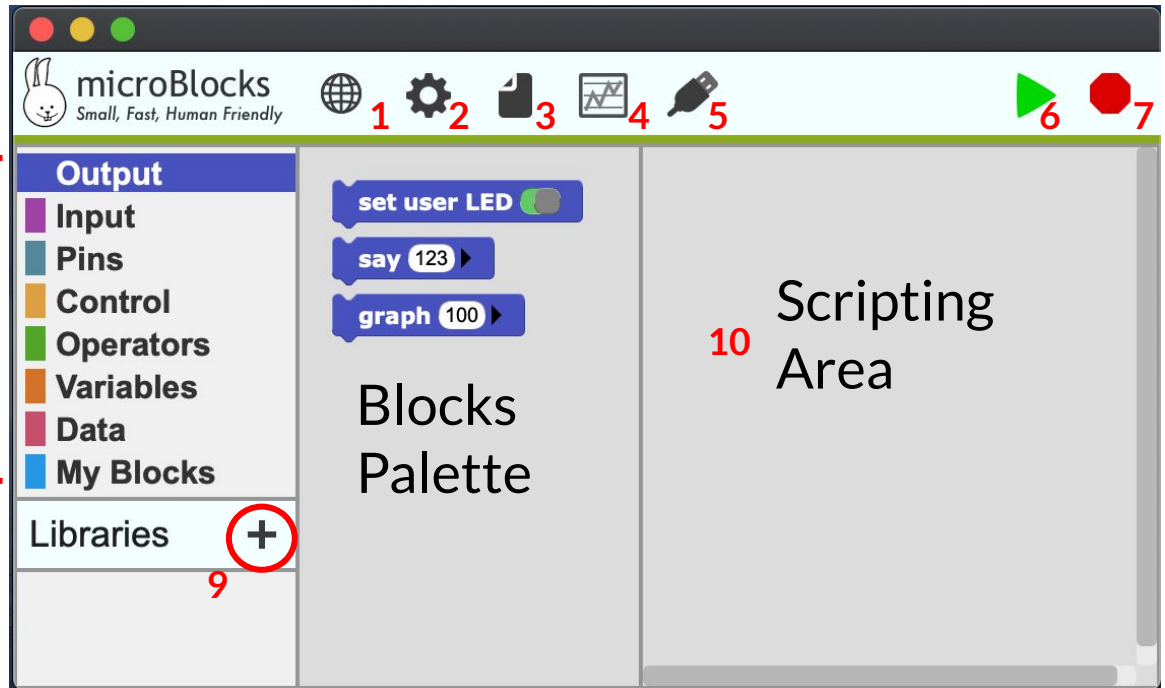
http://microblocks.fun

MicroBlocks | User Interface

5

Drop-down Menus   Start/Stop

Blocks Palette Groups
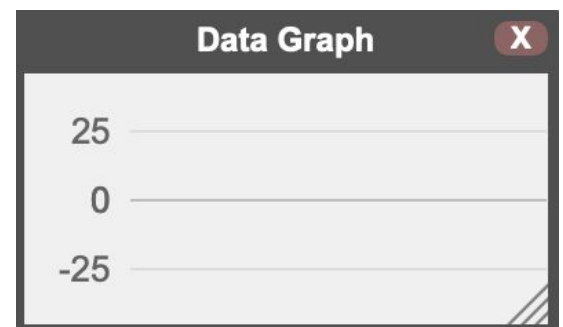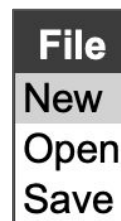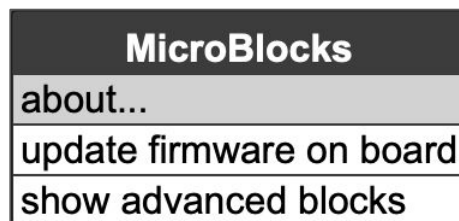
Blocks Palette

Scripting Area

1

Language
English
Castellano
Català
Deutsch
Français
Galego
Nederlands
Türkçe
Uzbek
Русский
عربى
简体中文

2

MicroBlocks
about...
update firmware on board
show advanced blocks

3

File
New
Open
Save

4

Data Graph

25
0
-25

1 - Select Language
2 - MicroBlocks
3 - Files
4 - Show Graph
5 - Connect Board

6 - Start Scripts
7 - Stop Scripts
8 - Select Blocks
9 - Add Libraries
10 - Write Scripts!

http://microblocks.fun

6

Left-click to select, change, drag/drop, and "run".
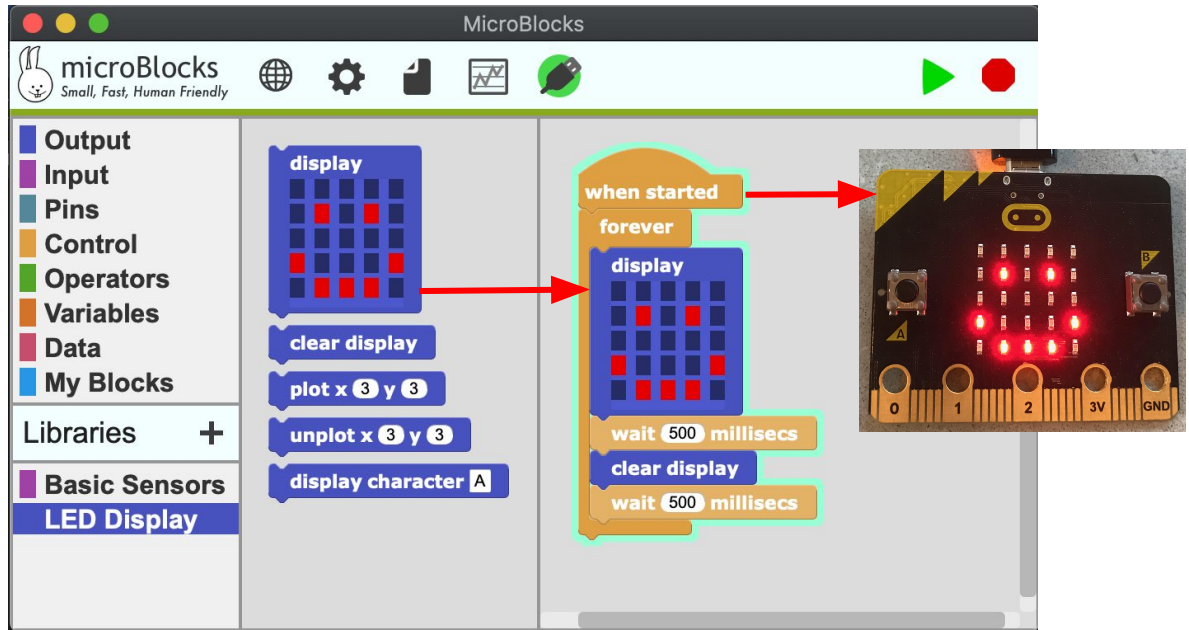
7

Right-click on blocks or scripting area for menus.
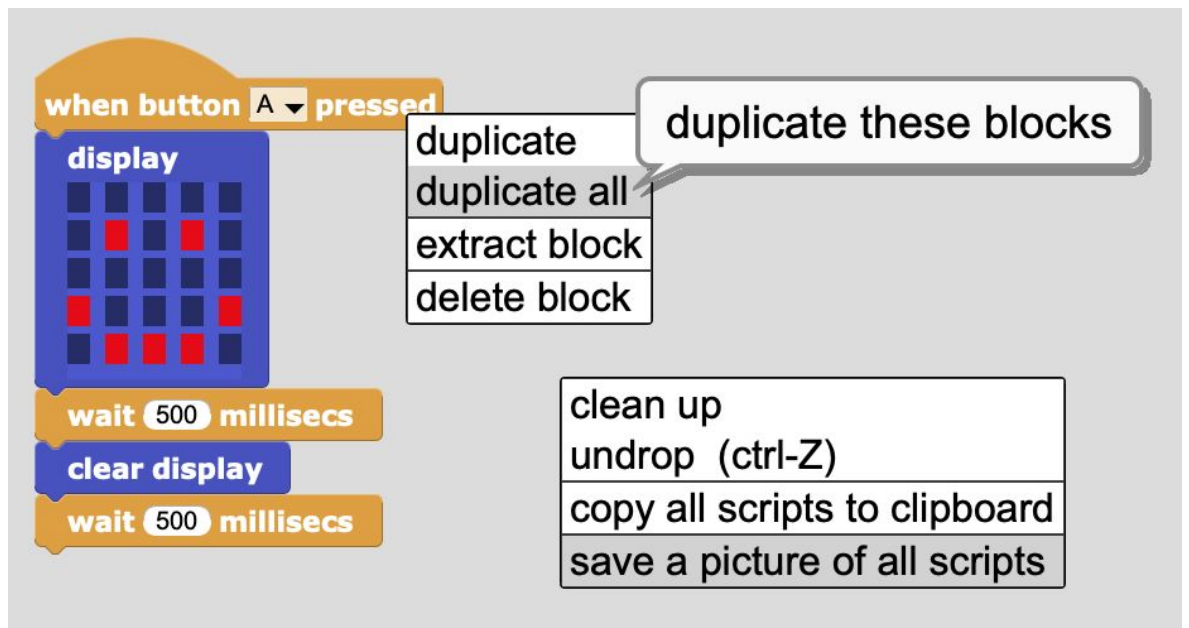
8

Import libraries and try out example scripts.

Libraries **+**   ■ **LED Display**

File Open

Libraries

Libraries
MicroBlocks
Desktop
Downloads
Computer
Cloud

[ ] Media
[ ] Network
[ ] Other
[ ] Sensing
[ ] System
Basic Sensors.ubl
LED Display.ubl
NeoPixel.ubl
Radio.ubl
Scrolling.ubl
Servo.ubl
Tone.ubl

Display primitives for
LED display on the B
micro:bit, Calliope mi
M5Atom Matrix. Boar
TFT displays (such a
Citilab ED1 or the M5
family) also support t
primitives in a simula
pixel" display.

v1.0   by MicroBloc

Tags: pixel matrix led

Cancel Open

File
New
Open
Save

File O

Examples

Examples
MicroBlocks
Desktop
Downloads
Computer

[ ] by board
[ ] Art
[ ] Games
[ ] Mozilla Web o
[ ] Music
[ ] Network
Balance.ubp
Blink.ubp
Happiness meter.ubp
Heartbeat.ubp
Two-button blink.ubp

Cancel Open

9
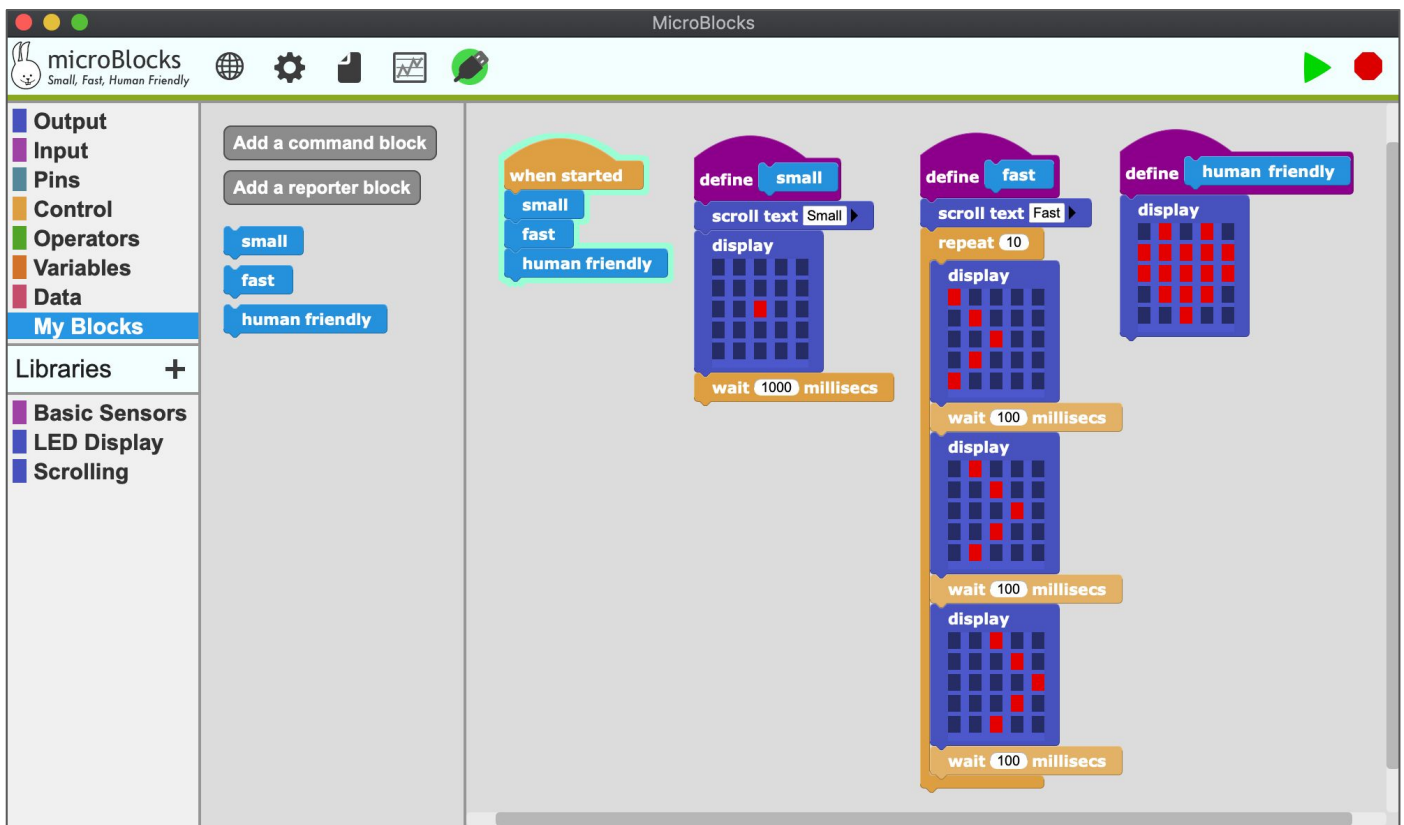
It's LIVE! Test your scripts as you make them.
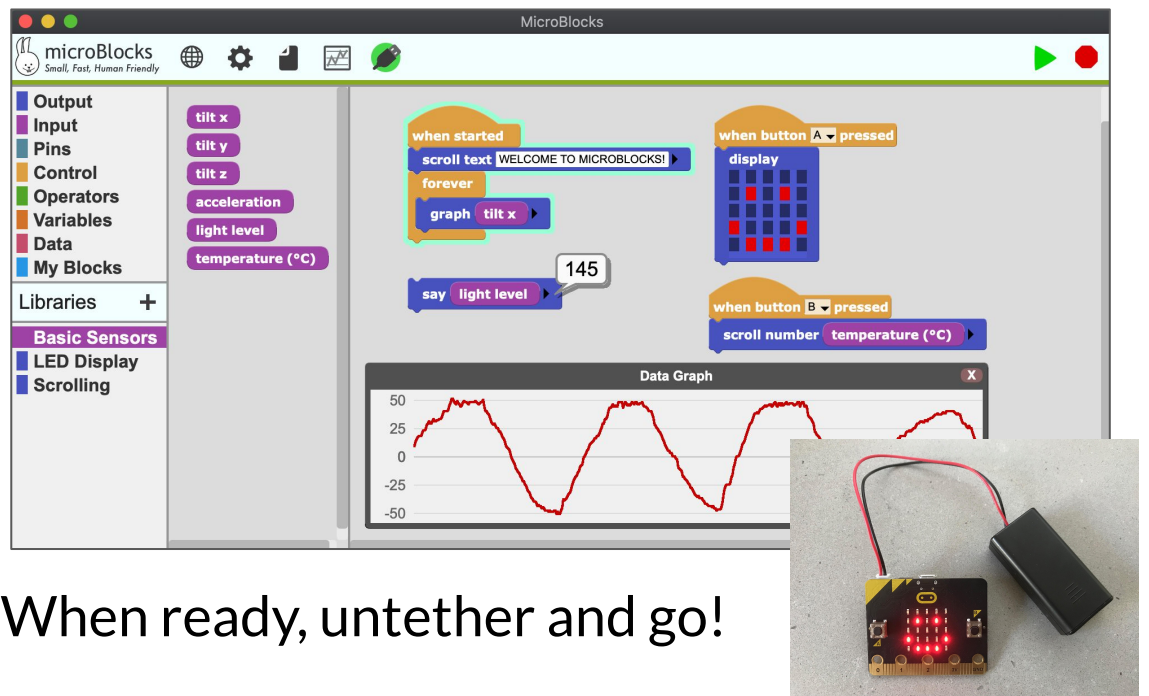
When ready, untether and go!

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Have Fun!

http://microblocks.fun