

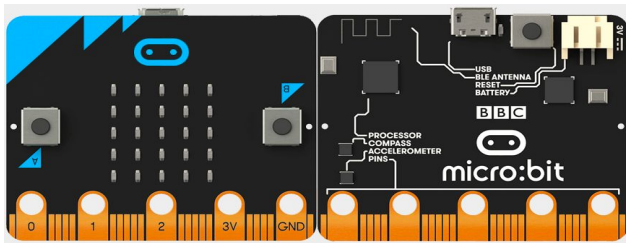


micro:bit | Get Connected

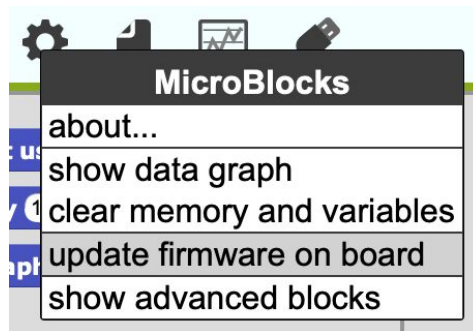
Visit microblocks.fun and download MicroBlocks for free!

Note: On Macs, you must right click on the MicroBlocks app and select Open the first time.

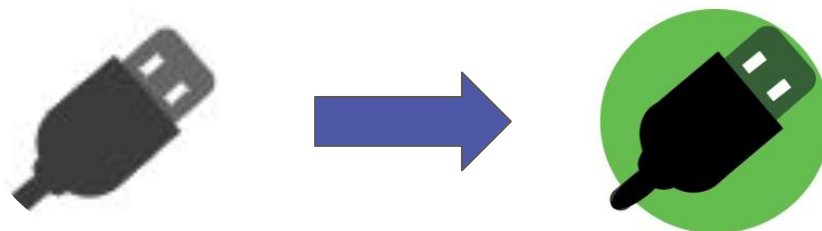
Connect the micro:bit to a computer with a USB cable
Make sure the USB cable is not a *power only* cable.



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.



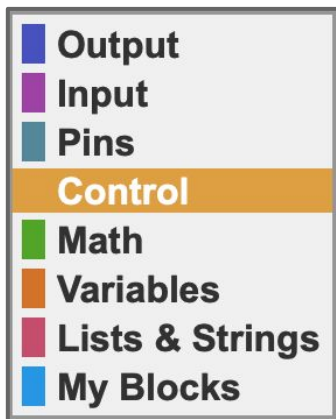


micro:bit | Buttons

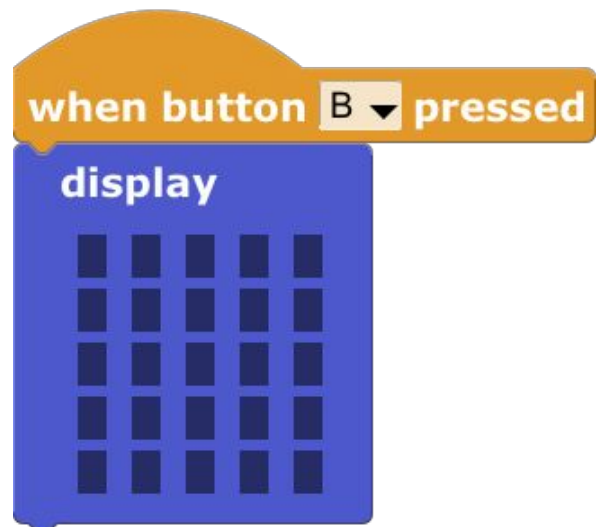
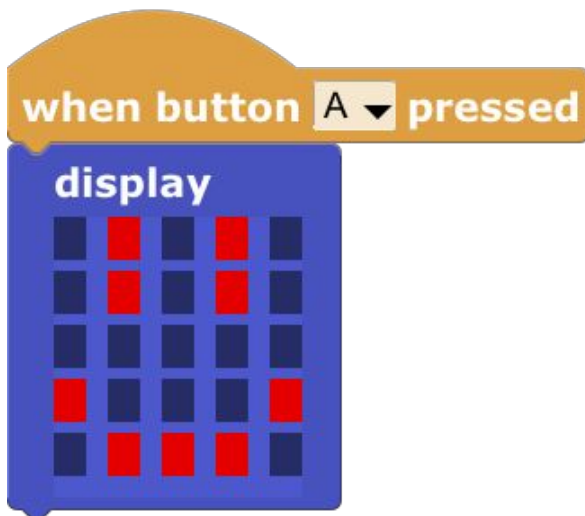
Connect the micro:bit to MicroBlocks.



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



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



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

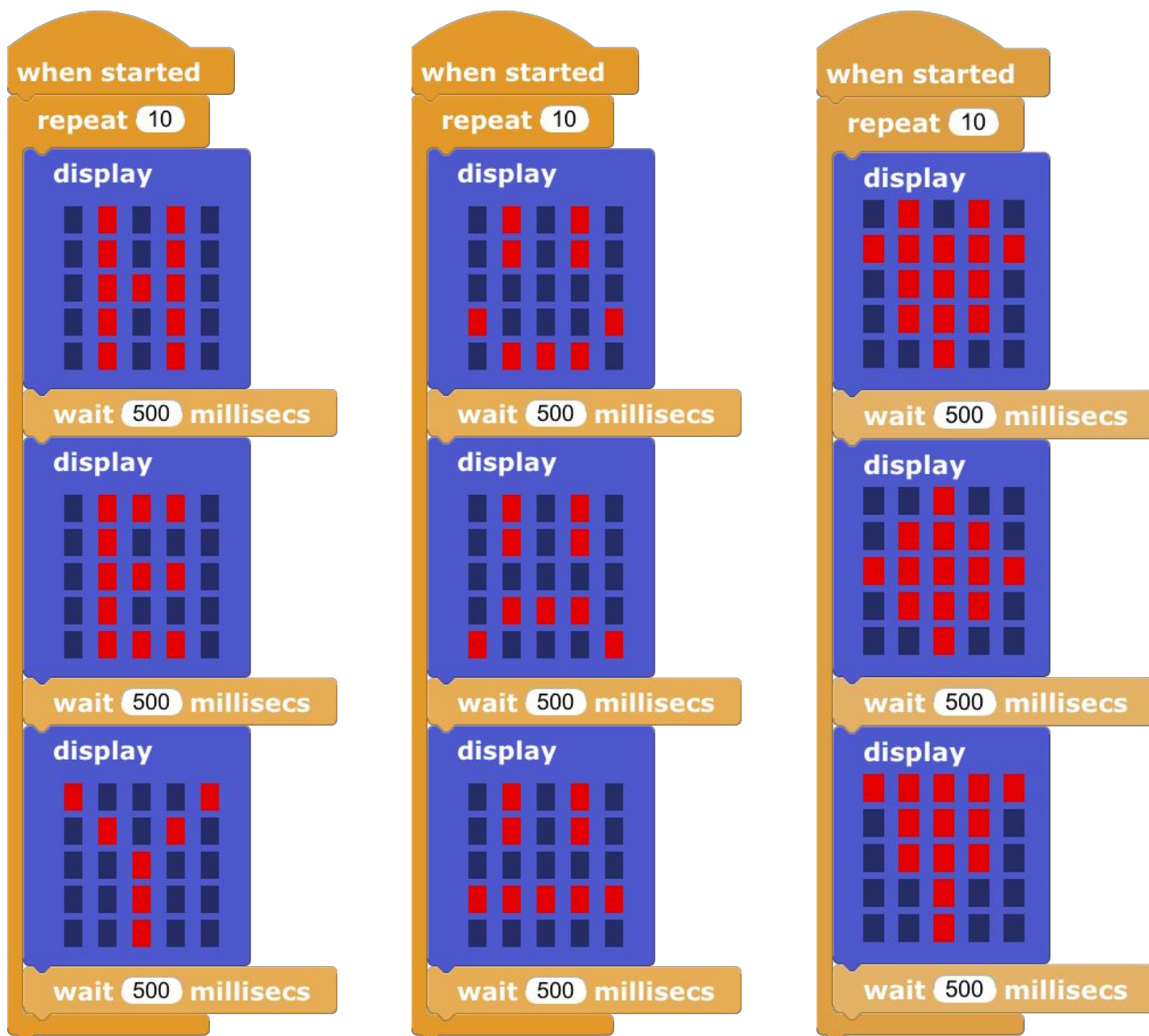


micro:bit | Animations

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?





micro:bit | Scrolling Text

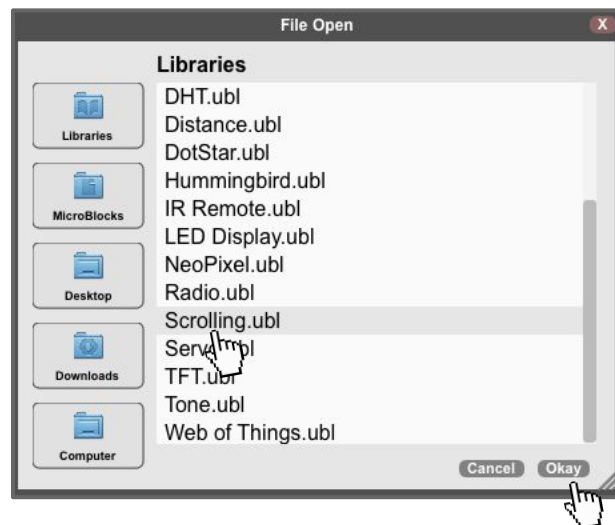
Connect the micro:bit to MicroBlocks.



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



Scrolling



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



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

