



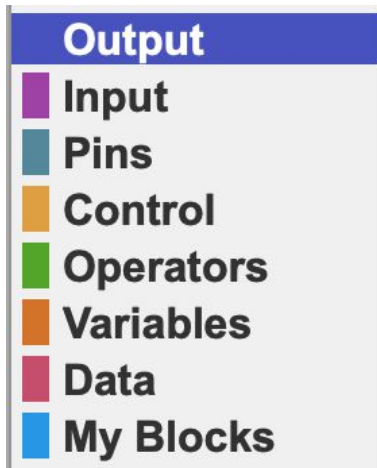
micro:bit | Getting Started

New to MicroBlocks? See [Get Started](#).

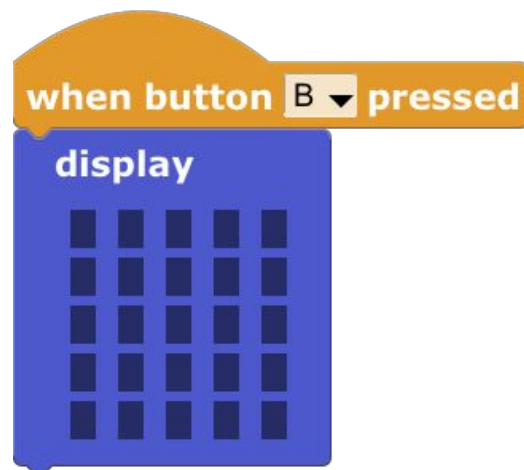
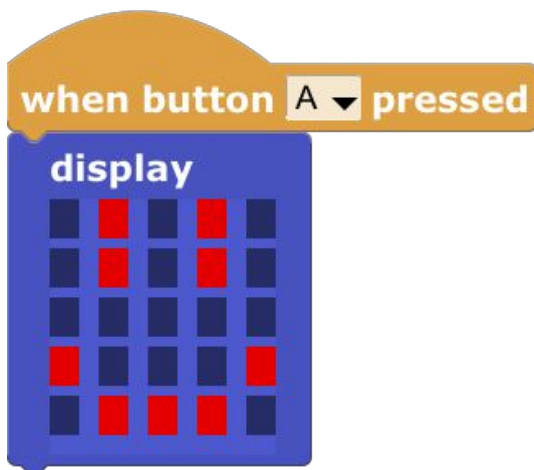
Connect the micro:bit to MicroBlocks.



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 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?

The image displays three separate MicroBlocks code blocks, each designed to animate a letter on the micro:bit's 5x5 LED display. Each block starts with a 'when started' event, followed by a 'repeat 10' loop. Inside the loop, there are three 'display' blocks and three 'wait 500 milliseconds' blocks. The 'display' blocks show the letter being formed by lighting up specific LEDs in a 5x5 grid.

- Block 1 (Left):** Animates the letter 'M'. The first 'display' block shows the top row of 'M' (row 1, columns 2, 3, 4). The second 'display' block shows the middle row (row 2, columns 2, 3, 4). The third 'display' block shows the bottom row (row 3, columns 2, 3, 4).
- Block 2 (Middle):** Animates the letter 'A'. The first 'display' block shows the top row of 'A' (row 1, columns 2, 3, 4). The second 'display' block shows the middle row (row 2, columns 2, 3, 4). The third 'display' block shows the bottom row (row 3, columns 2, 3, 4).
- Block 3 (Right):** Animates the letter 'B'. The first 'display' block shows the top row of 'B' (row 1, columns 2, 3, 4). The second 'display' block shows the middle row (row 2, columns 2, 3, 4). The third 'display' block shows the bottom row (row 3, columns 2, 3, 4).



micro:bit | Scrolling Text

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You can display text messages by scrolling the letters across the display.

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



You can also display individual characters.
Try this script to create a countdown!

