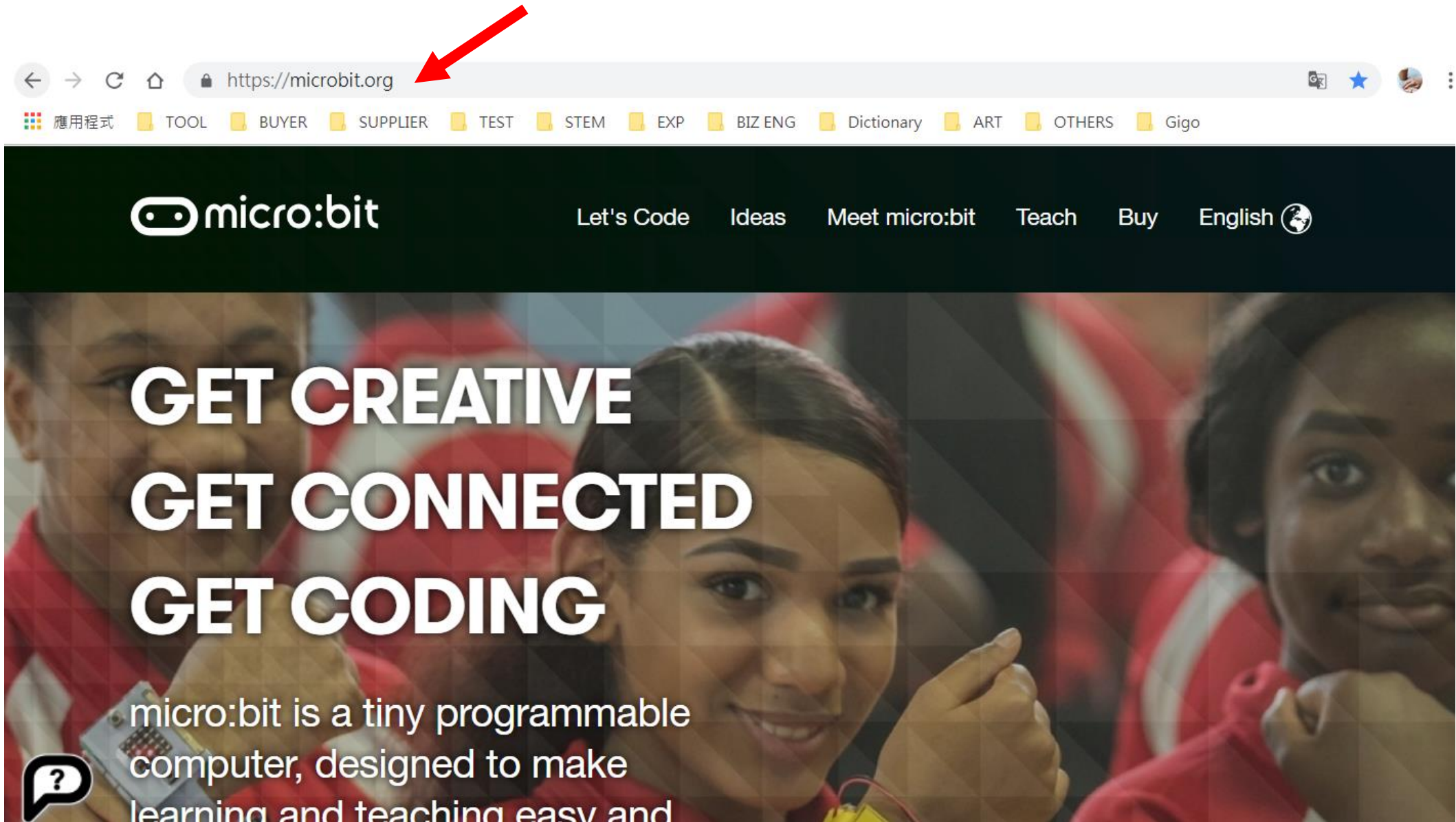
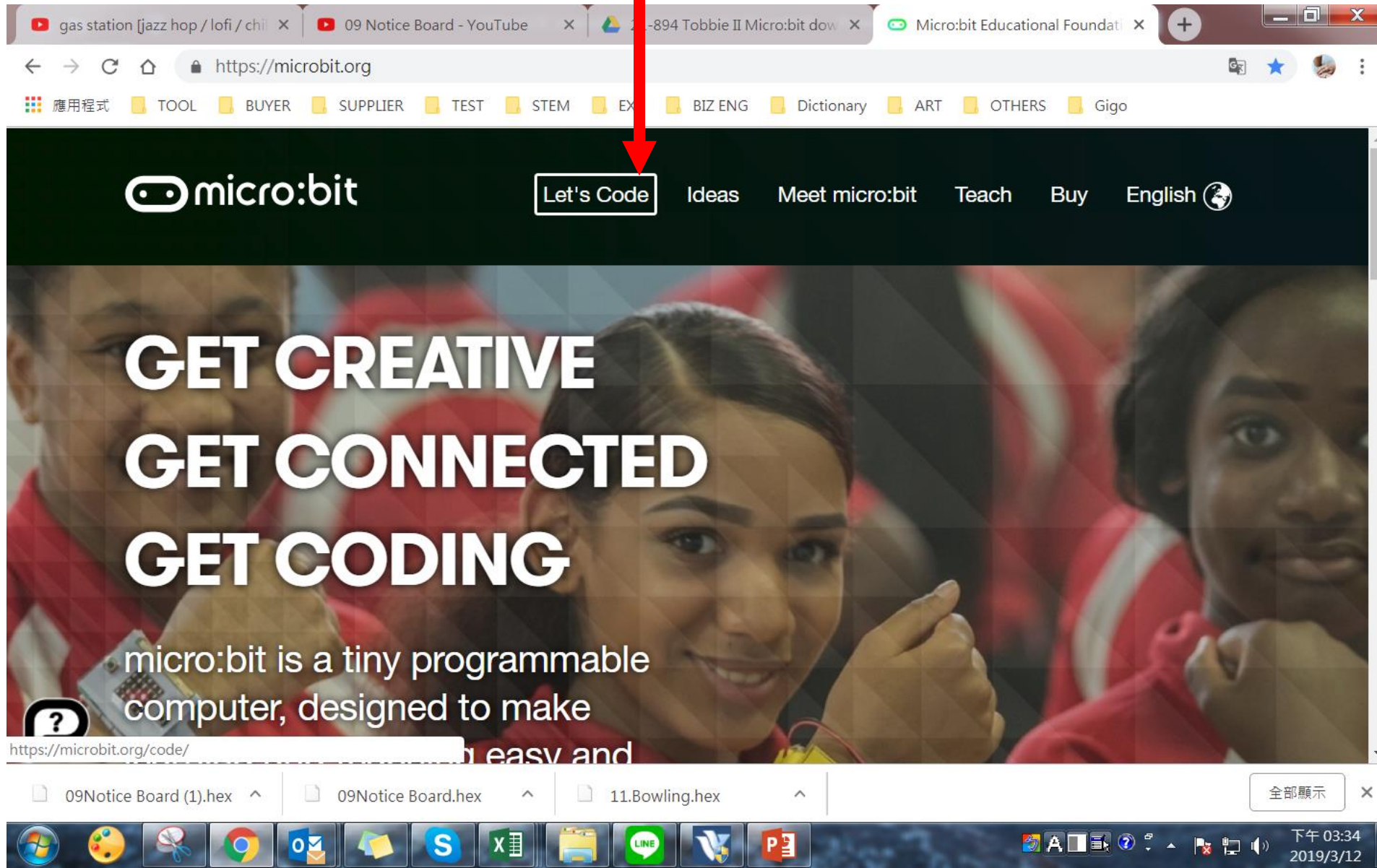


# STEP 1: Go to micro:bit website

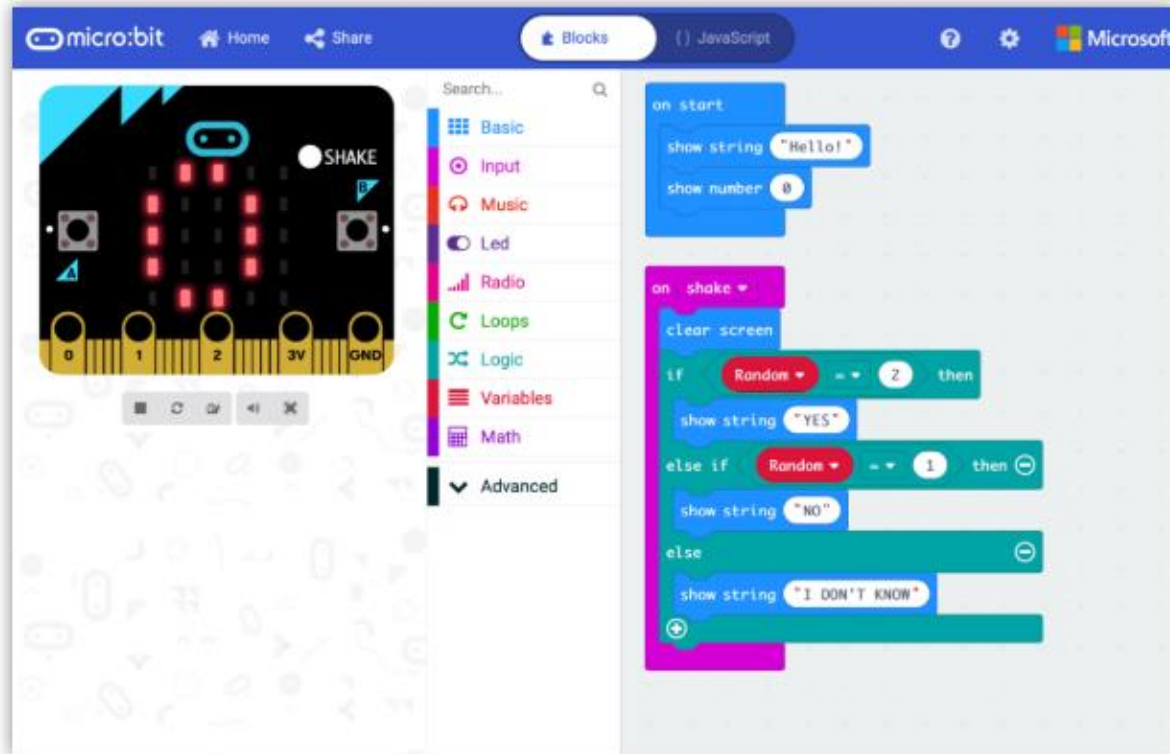


## STEP 2: Click “Let’s Code”





# STEP 3: Scroll down to “Let’s Code” and click



## MakeCode Editor

The MakeCode editor provided by Microsoft makes it easy to program your micro:bit with blocks and JavaScript.

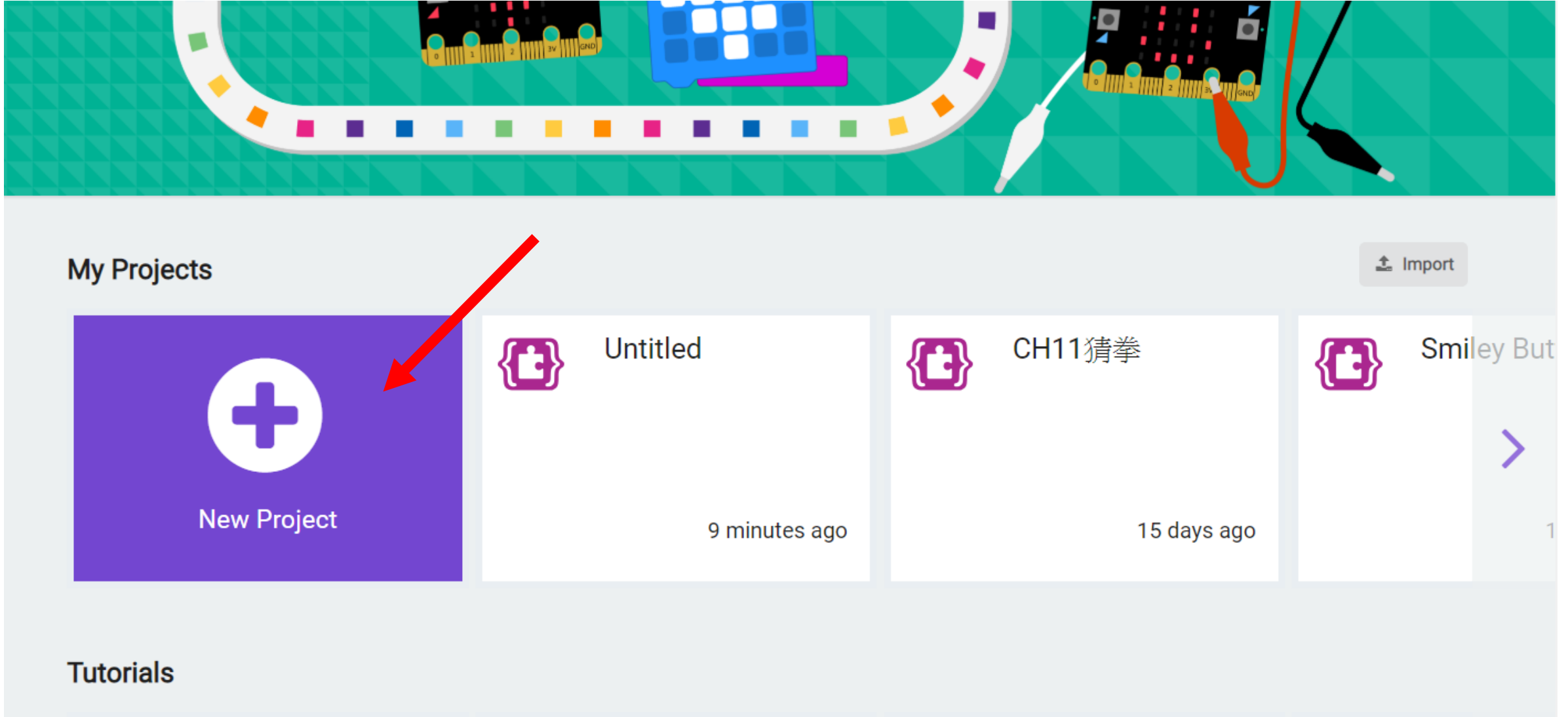
We have [recently updated the editor](#), and the [previous version is still available](#) for anyone that needs it. If you have any issues accessing the editor, check that it isn't [blocked](#) in your school.

Let's Code

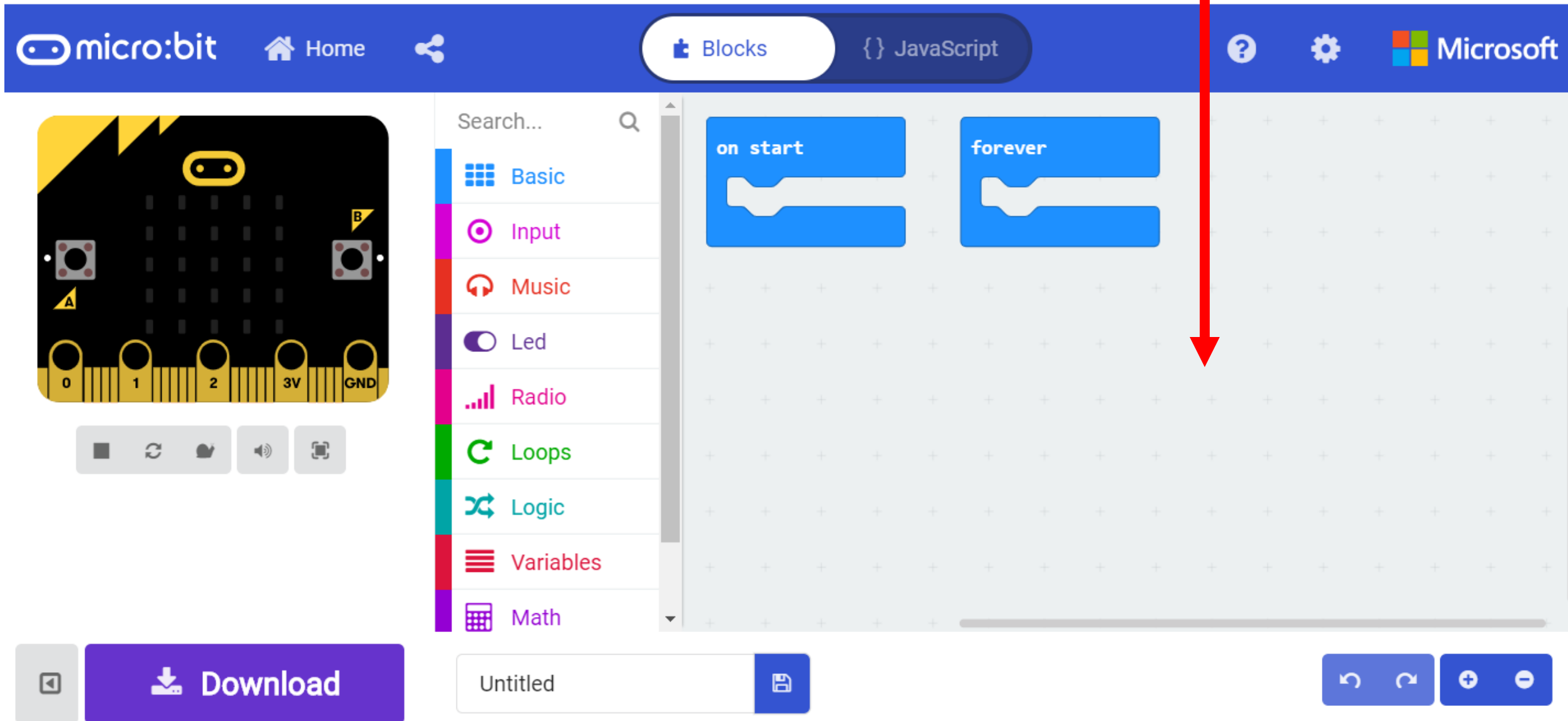
Reference

Lessons

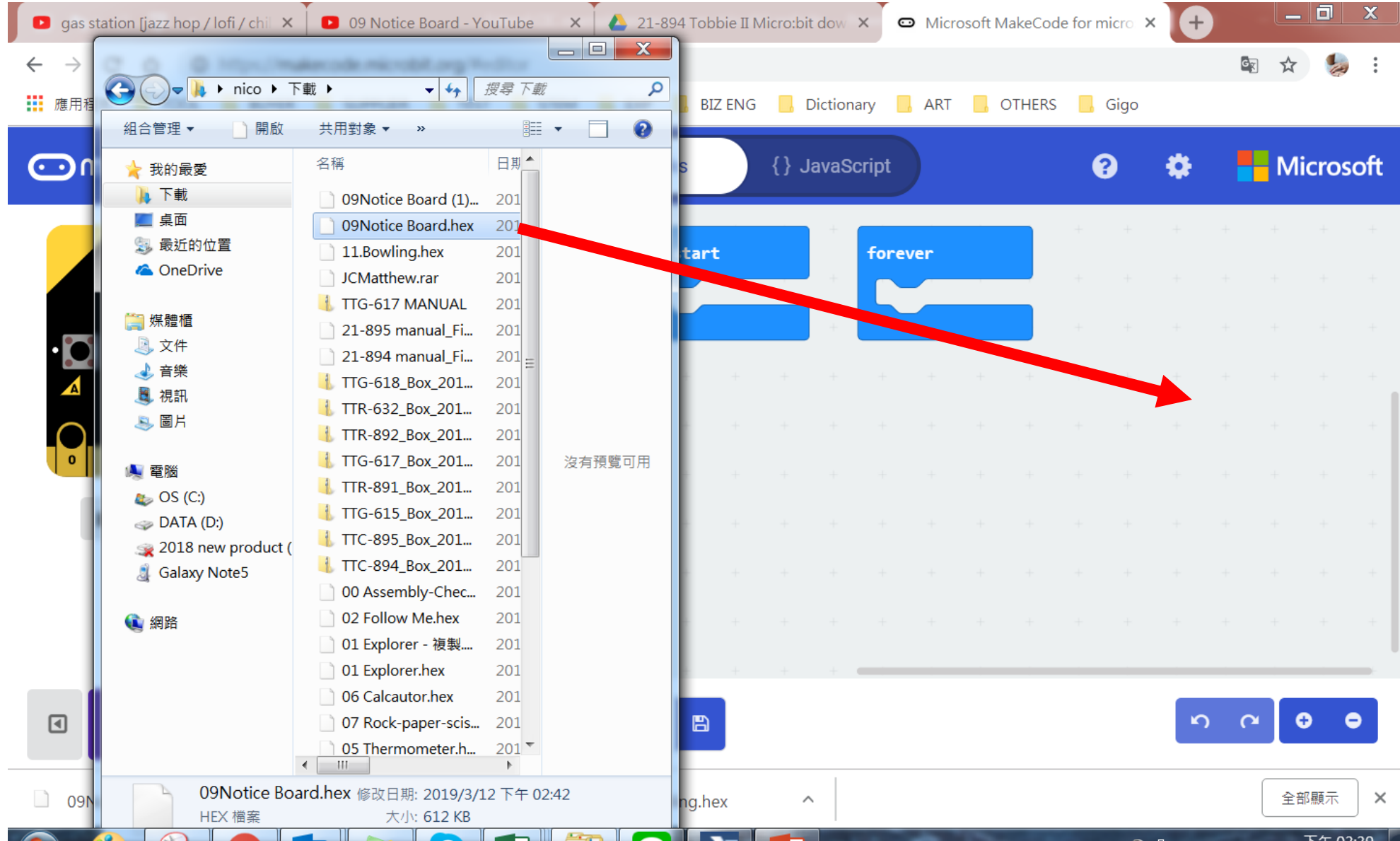
# STEP 4: Click “New Project”



# STEP 5: You will see MakeCode area here



# STEP 6: Find the downloaded CIC program and drag it to MakeCode area



# STEP 7: CIC codes are clearly shown

The screenshot displays the Microsoft MakeCode IDE interface for the micro:bit. The top navigation bar includes the 'micro:bit' logo, 'Home', 'Blocks', and 'JavaScript' tabs, along with a 'Microsoft' logo on the right. On the left, a virtual micro:bit board is shown with two jumper wires connected to its pins. The central workspace is divided into a 'Search...' panel on the left and a main coding area on the right. The 'Search...' panel lists various block categories: Basic, Input, Music, Led, Radio, Loops, Logic, Variables, and Math. The main coding area contains a block-based program. A yellow circle highlights a specific section of the code, which includes an 'on button B pressed' event block, a 'set B to 1' block, a 'play tone Middle C for 1/2 beat' block, a 'forever' loop block, a 'show icon' block, a 'if A = 1 then' block, and a 'show string "HT DADDY HT MOM"' block. A red arrow points from the text 'STEP 7: CIC codes are clearly shown' to the highlighted section. The bottom of the interface features a 'Download' button, a text input field containing 'NOTE\_F', and a 'Save' button.

micro:bit Home Blocks JavaScript Microsoft

Search...

- Basic
- Input
- Music
- Led
- Radio
- Loops
- Logic
- Variables
- Math

on button B pressed

set B to 1

play tone Middle C for 1/2 beat

forever

show icon

if A = 1 then

show string "HT DADDY HT MOM"

Download

NOTE\_F

# STEP 8: Alter CIC codes. Turn it into yours!

The screenshot displays the Microsoft MakeCode micro:bit editor interface. On the left, a virtual micro:bit board is shown with a USB cable connected. The central panel features a block palette with categories: Basic, Input, Music, Led, Radio, Loops, Logic, Variables, Math, and Cic\_blocks. The main workspace contains a script with the following blocks:

- on button B pressed** block containing:
  - set B to 1** block
  - play tone Middle C for 1/2 beat** block
- forever** loop block containing:
  - show icon** block (displaying a 5x5 grid icon)
  - if A = 1 then** block containing:
    - show string** block with the text "Grat-West yeah!". This block is highlighted with a yellow border, and a red arrow points to it from the top right.
  - set A to 0** block

On the right side, two additional script snippets are visible, each starting with an "on button" block followed by "set" and "play tone" blocks.

At the bottom of the interface, there is a "Download" button on the left, a text input field containing "NOTE\_F" with a save icon, and navigation controls (undo, redo, zoom in, zoom out) on the right.



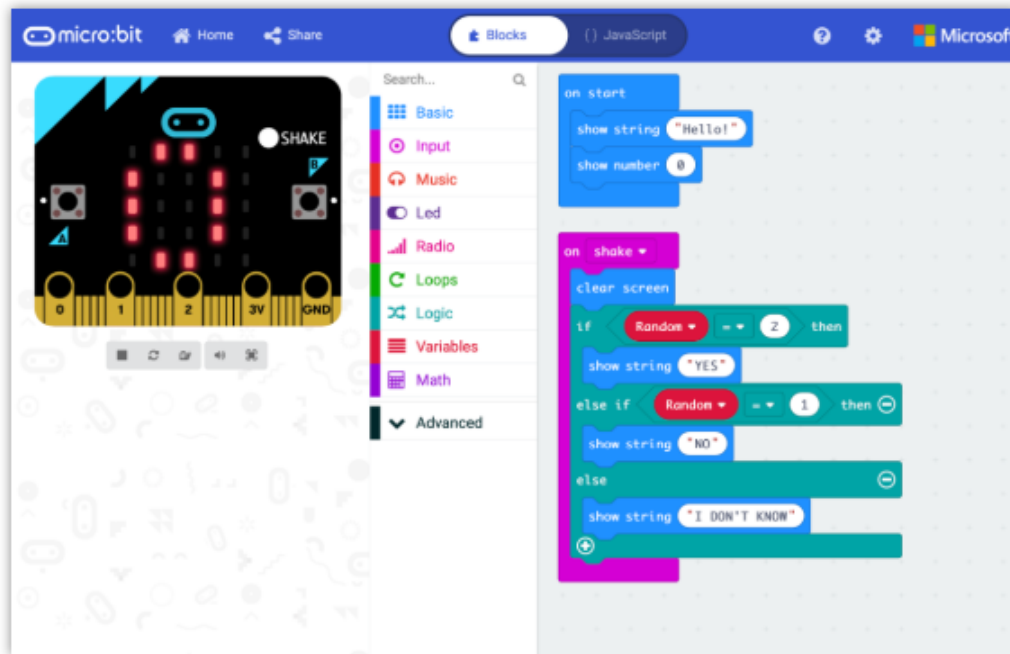
*Coding is about trial and error, learning from making mistakes. Any questions regarding how to make codes on micro:bit website, pls visit pages below.*



Did you know that you can code your BBC micro:bit using Blocks, JavaScript, and Python?

If you have never used a BBC micro:bit try our [Quick Start Guide](#).

← **RESOURCE 1**



## MakeCode Editor

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Let's Code

Reference

Lessons

← **RESOURCE 2**

**URL: refer to Step 2 & 3**