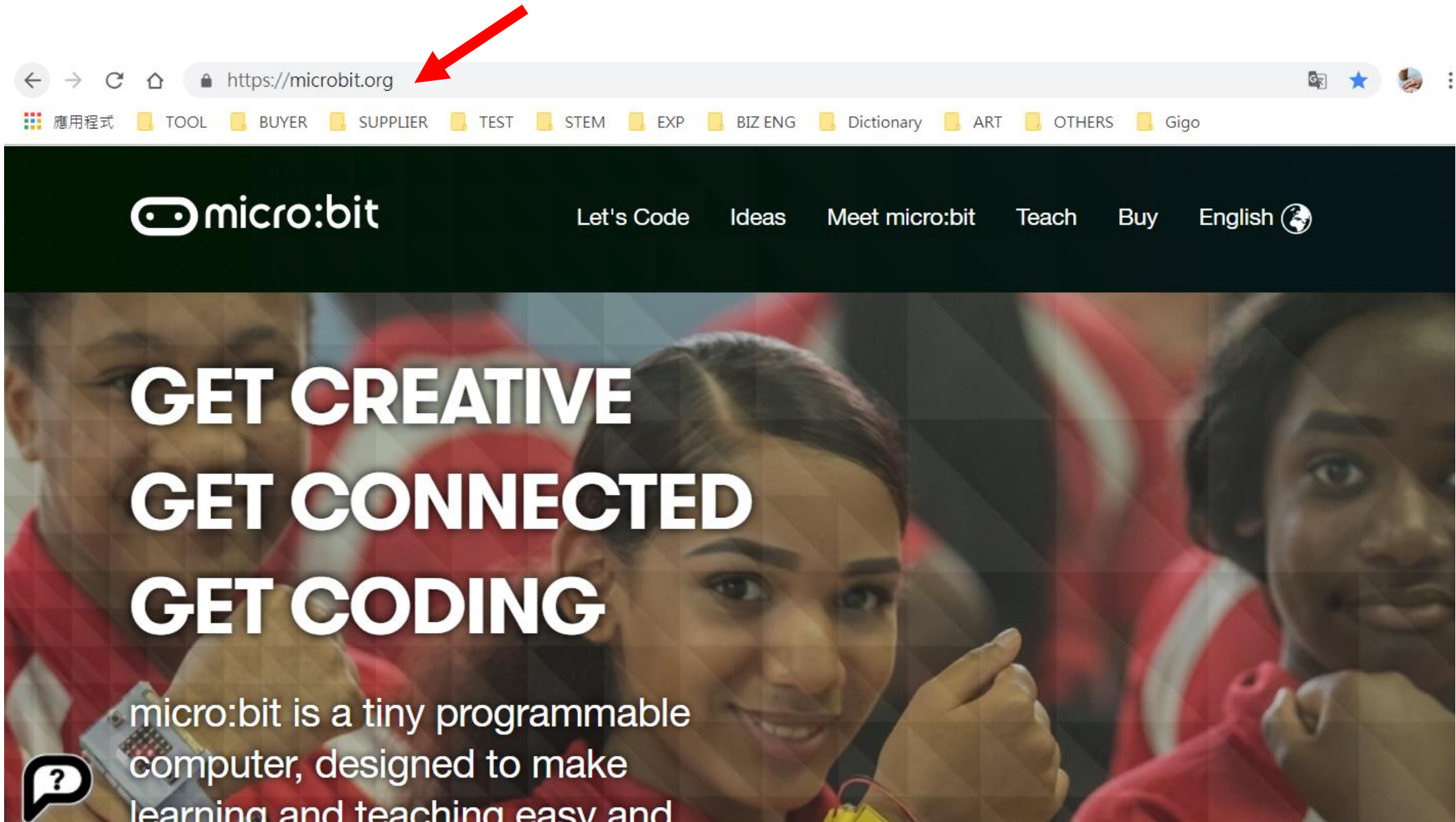
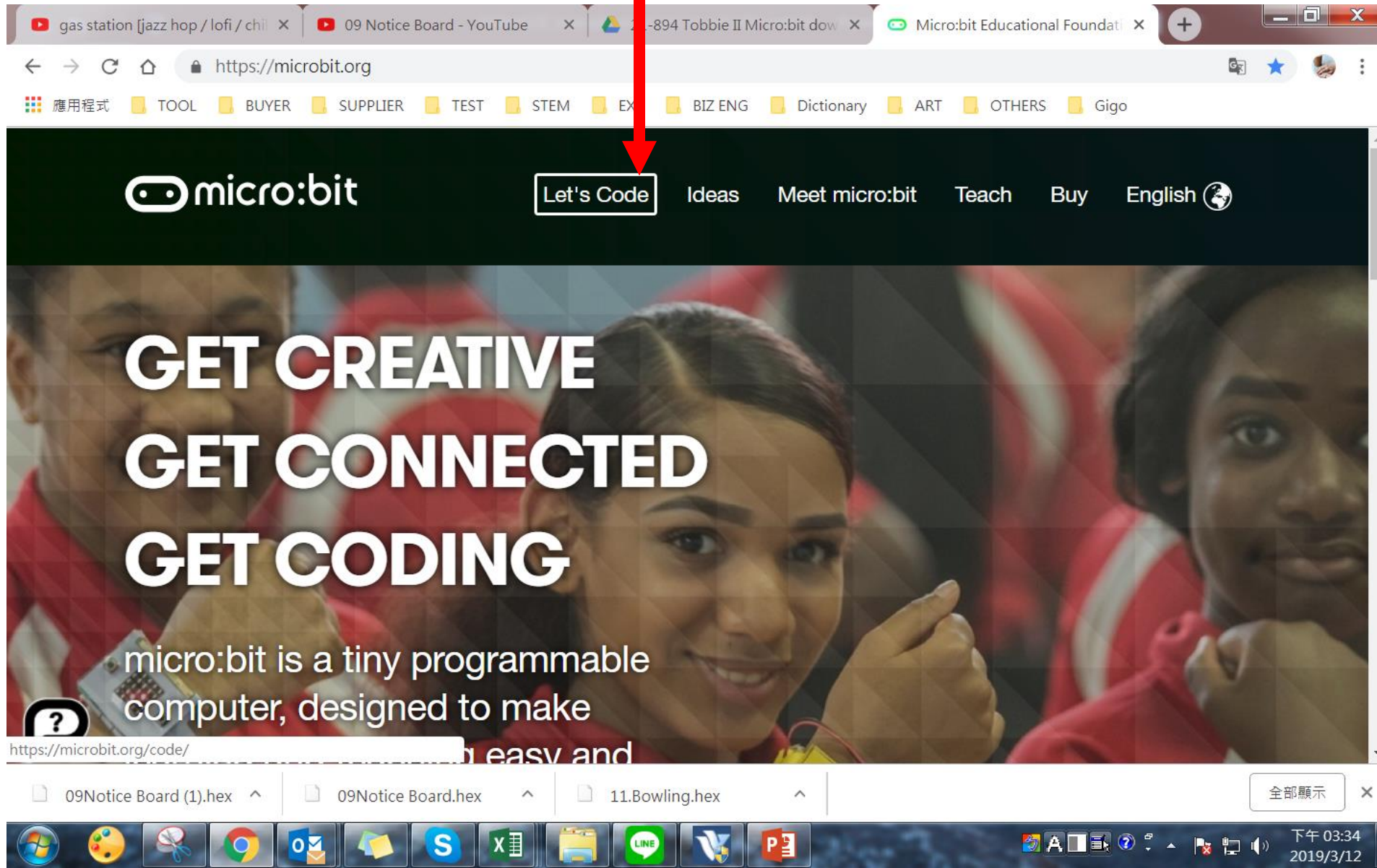


# STEP 1: Go to micro:bit website

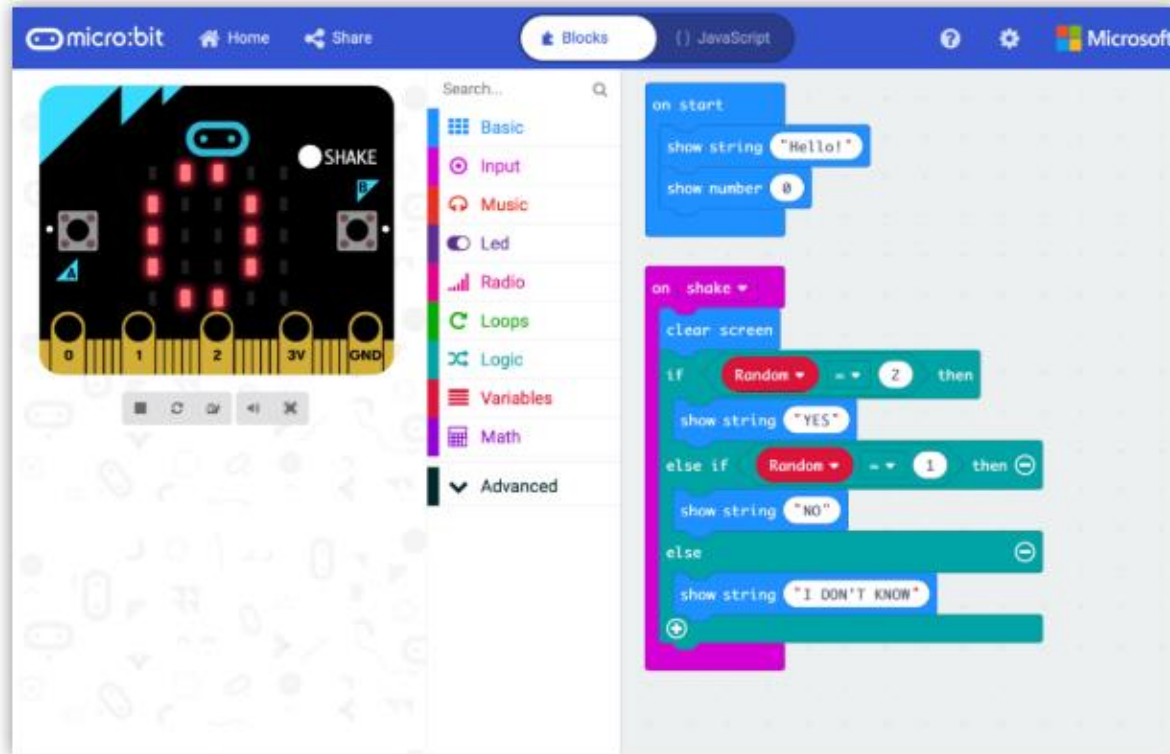


## STEP 2: Click “Let’s Code”





# 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.

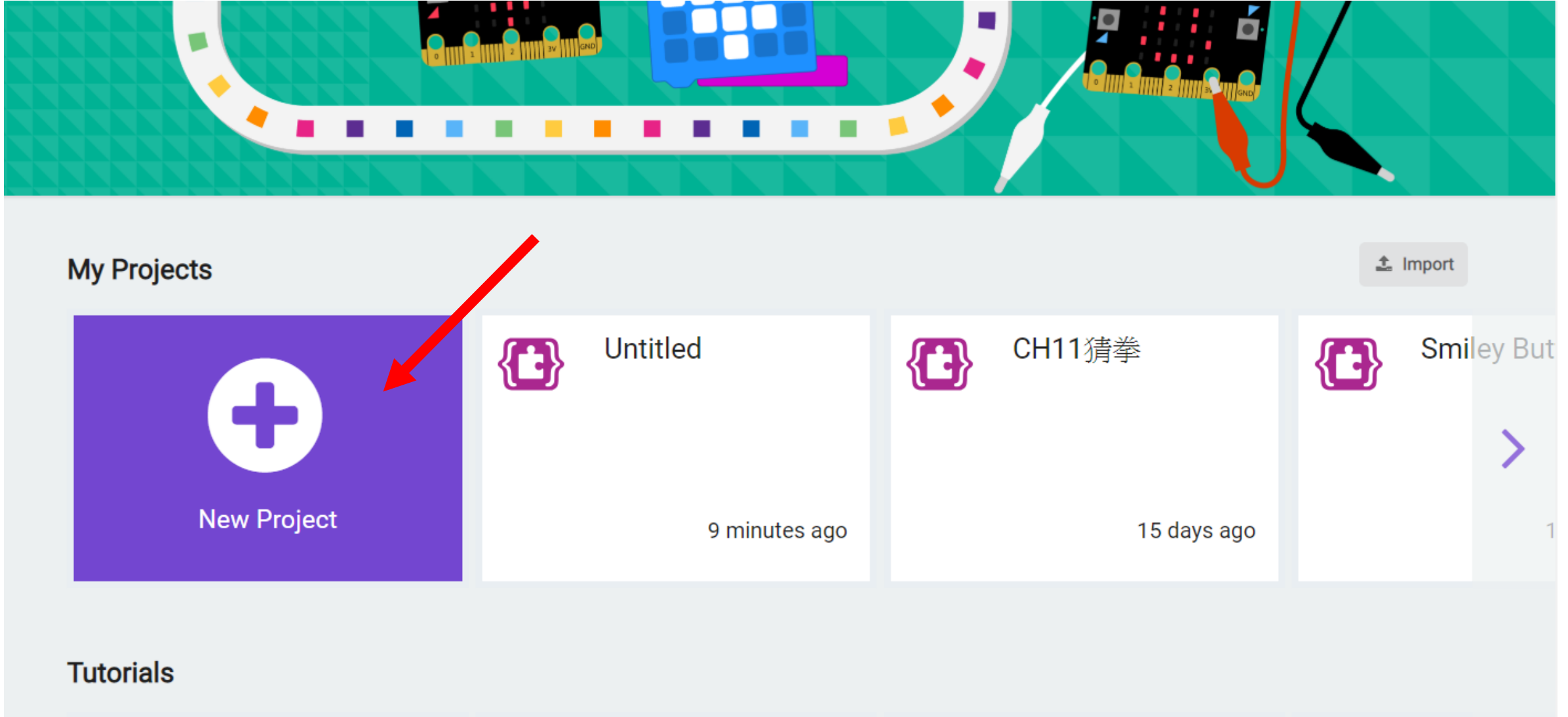
Let's Code

Reference

Lessons



# STEP 4: Click “New Project”





# STEP 5: Click settings and then “Extensions”

The screenshot displays the Microsoft MakeCode micro:bit editor interface. At the top, a blue header bar contains the 'micro:bit' logo, navigation links for 'Home' and 'Share', tabs for 'Blocks' and 'JavaScript', a help icon, a settings gear icon, and the 'Microsoft' logo. A red arrow points to the settings gear icon. Below the header, the left sidebar features a visual representation of the micro:bit board and a category menu with options: Basic, Input, Music, Led, Radio, Loops, Logic, Variables, Math, and Advanced. The main workspace shows a script area with 'on start' and 'forever' blocks. On the right, the settings menu is open, listing options: Project Settings, Extensions (highlighted in yellow), Delete Project, Report Abuse..., Language, High Contrast On, Reset, Pair device, and About... At the bottom, there is a 'Download' button, a file name field showing 'Untitled', and navigation controls.


# STEP 6: Search for “Tobbie II”

← Go back Extensions ?


Tobbie II

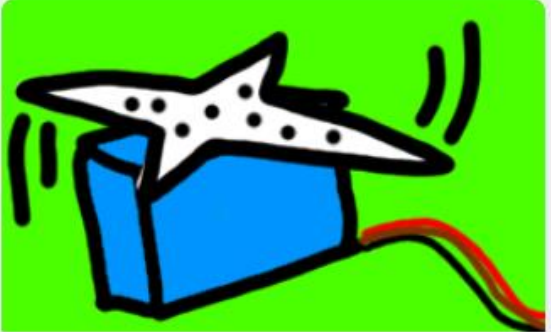
**bluetooth**  
Bluetooth services




**devices**  
BETA - Camera, remote control and other Bluetooth services. App required.





**radio-broadcast**




**servo**  
A micro-servo library












# STEP 7: Click searching result

← Go back Extensions ?

Tobbie II



**tobbiell**  
Tobbie-II for micro:bit

Learn more

Want to create your own extension? [Login to GitHub](#)

# STEP 8: You will see Tobbie II extensions on left side

The image shows the Microsoft MakeCode editor interface for a micro:bit. The top navigation bar includes the 'micro:bit' logo, 'Home', 'Share', 'Blocks' (selected), and 'JavaScript' tabs. On the right of the bar are icons for help, settings, and the Microsoft logo. The main workspace is divided into three sections:

- Left Panel:** A visual representation of the micro:bit board with pins labeled 0, 1, 2, 3V, and GND. Below the board are icons for a grid, refresh, camera, speaker, and a square button.
- Middle Panel:** A 'Search...' bar followed by a list of extension categories: Basic, Input, Music, Led, Radio, Loops, Logic, Variables, Math, and Tobbie II (highlighted in yellow with a red arrow pointing to it). An 'Advanced' section is also visible at the bottom of the list.
- Right Panel:** A grid-based workspace for code blocks. Two blue blocks are visible at the top: 'on start' and 'forever'. The rest of the grid is empty.

At the bottom of the interface, there is a purple 'Download' button on the left, a text input field containing 'Untitled' with a save icon on the right, and a set of navigation controls (undo, redo, zoom in, zoom out) on the far right.



# STEP 9: Click and acquire basic pre-coded moves

The screenshot displays the Microsoft MakeCode micro:bit editor interface. On the left, a visual representation of the micro:bit board is shown with pins labeled 0, 1, 2, 3V, and GND. Below the board are icons for running, refreshing, and other functions. A large purple 'Download' button is at the bottom left. The central panel features a search bar and a list of block categories: Basic, Input, Music, Led, Radio, Loops, Logic, Variables, Math, and Tobbiell. The 'Tobbiell' category is highlighted in orange. To the right, a script for a car icon named 'Tobbiell' is shown, enclosed in a yellow border. The script consists of the following blocks: 'get right IR data', 'get left IR data', 'is the right IR over 512 strength' (a comparison block), 'is the left IR over 512 strength' (a comparison block), 'Tobbie-II walking forward', 'Tobbie-II walking backward', 'Tobbie-II stop walking', 'Tobbie-II turns right', and 'Tobbie-II turns left'. A red arrow points from the top right towards the script area. At the bottom, there is an 'Untitled' text field and a save icon.

micro:bit Home Share Blocks JavaScript ? Microsoft

Search...

- Basic
- Input
- Music
- Led
- Radio
- Loops
- Logic
- Variables
- Math
- Tobbiell**
- more

**Tobbiell**

- get right IR data
- get left IR data
- is the right IR over 512 strength
- is the left IR over 512 strength
- Tobbie-II walking forward
- Tobbie-II walking backward
- Tobbie-II stop walking
- Tobbie-II turns right
- Tobbie-II turns left

Download

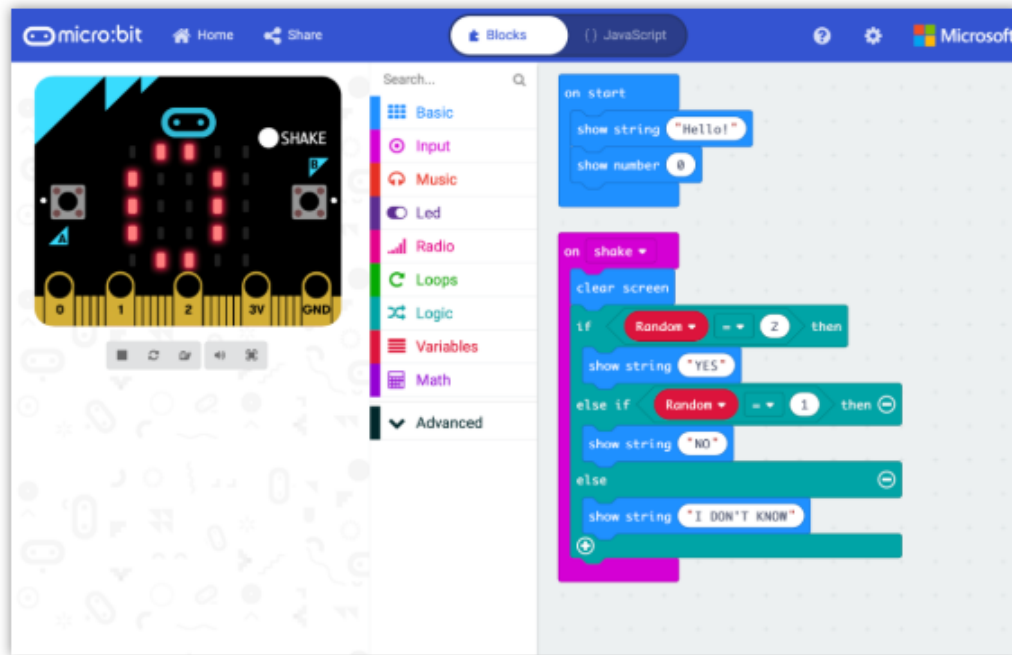
Untitled

*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

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 ← **RESOURCE 2**

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