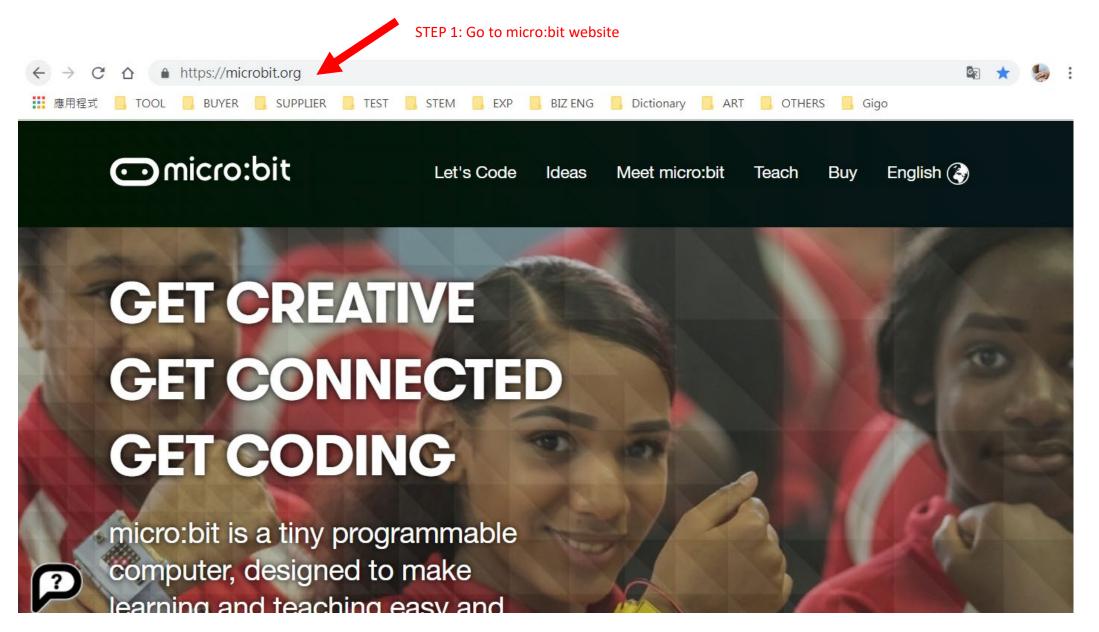
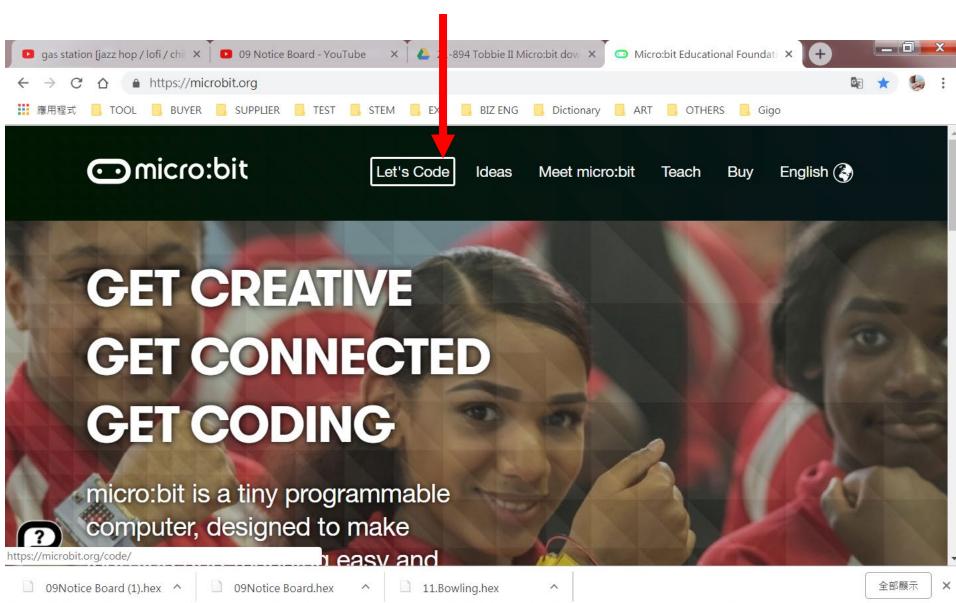
Tobbie II Extension

In order to use motor and IR functions you need to add the Tobbie II extension. Follow the steps below



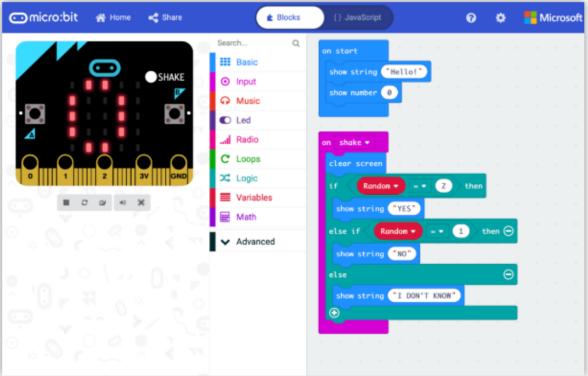
STEP 2: Click "Let's Code"



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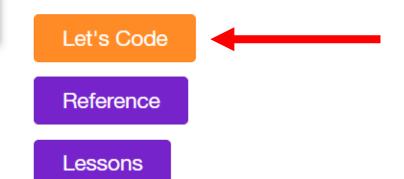
STEP 3: Scroll down to "Let's Code" and click



MakeCode Editor

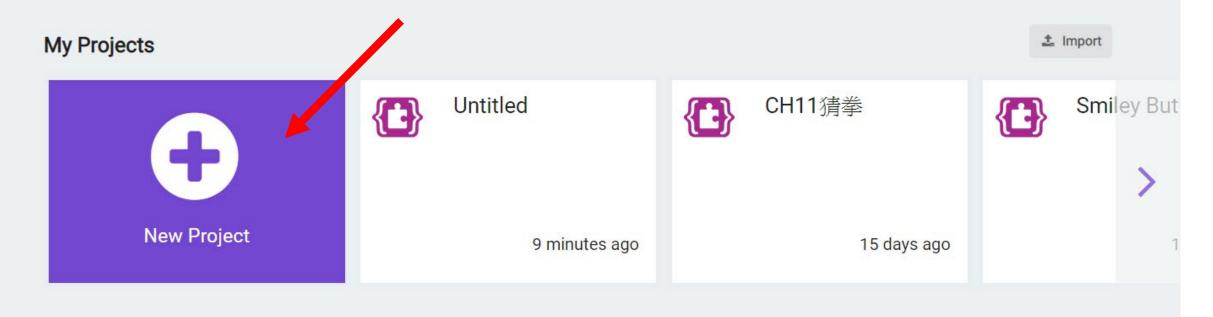
The MakeCode editor provided by Microsoft makes it easy to program your micro:bit with blocks and JavaScript.

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.



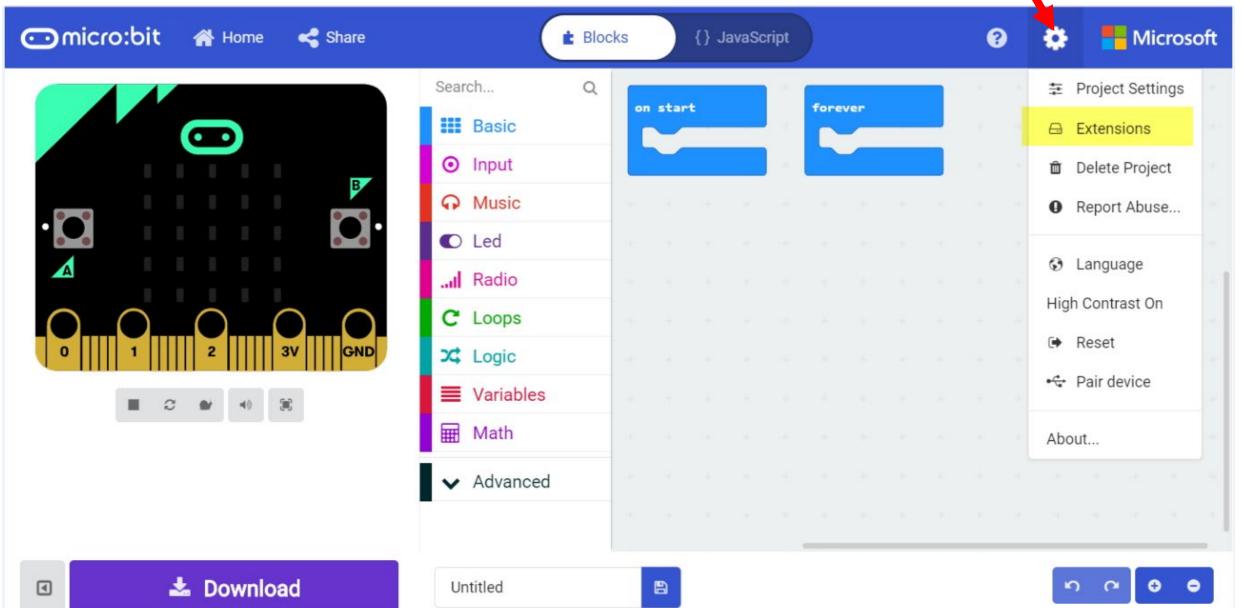
STEP 4: Click "New Project"



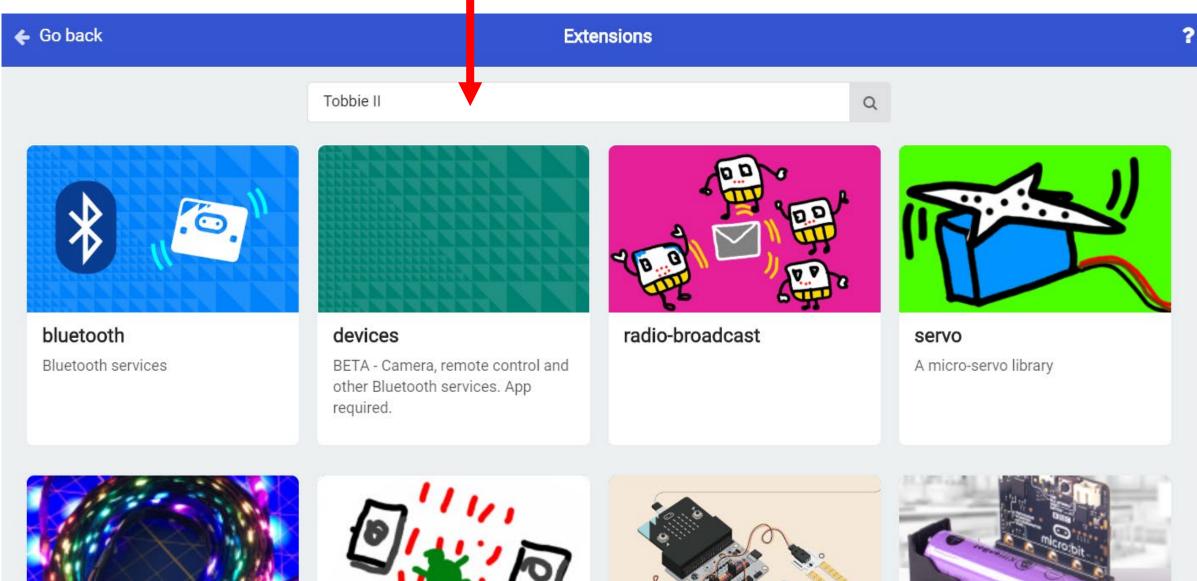


Tutorials

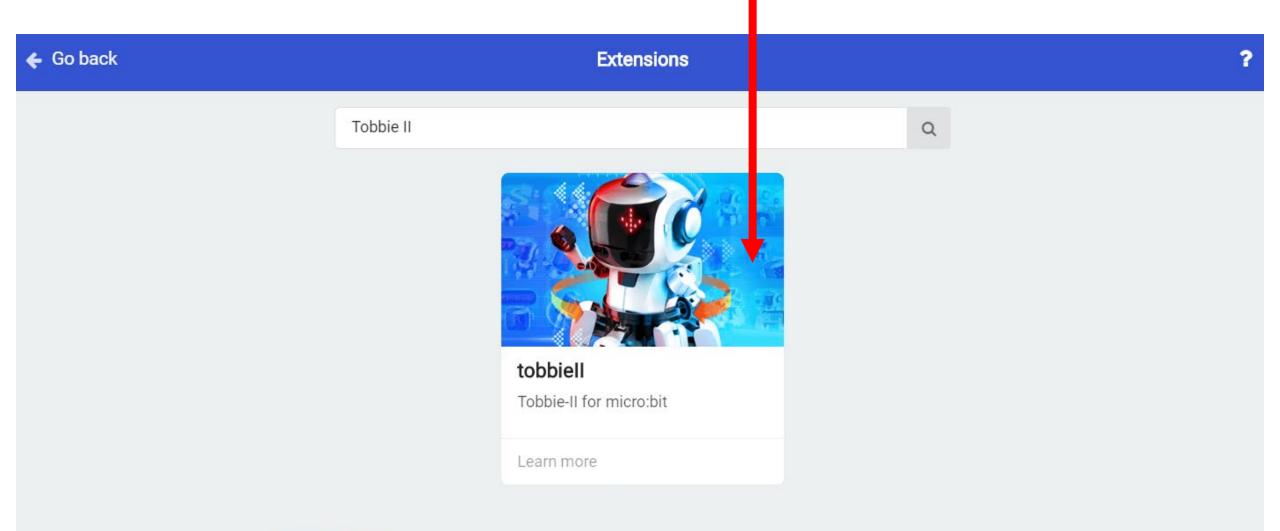
STEP 5: Click settings and then "Extensions"



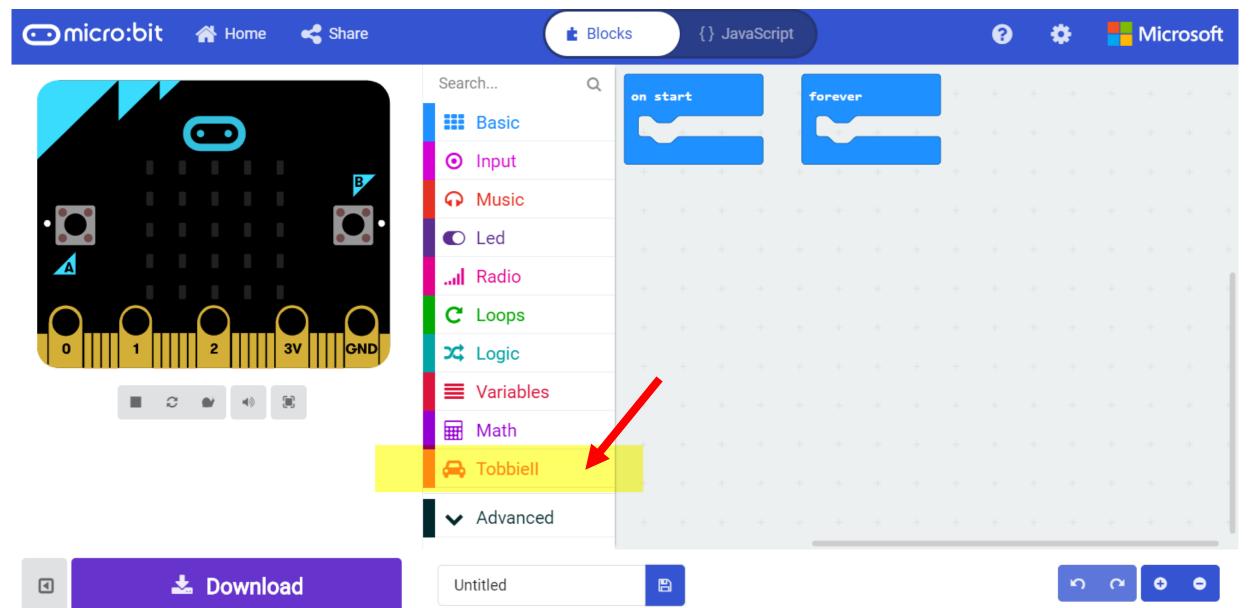
STEP 6: Search for "Tobbie II"



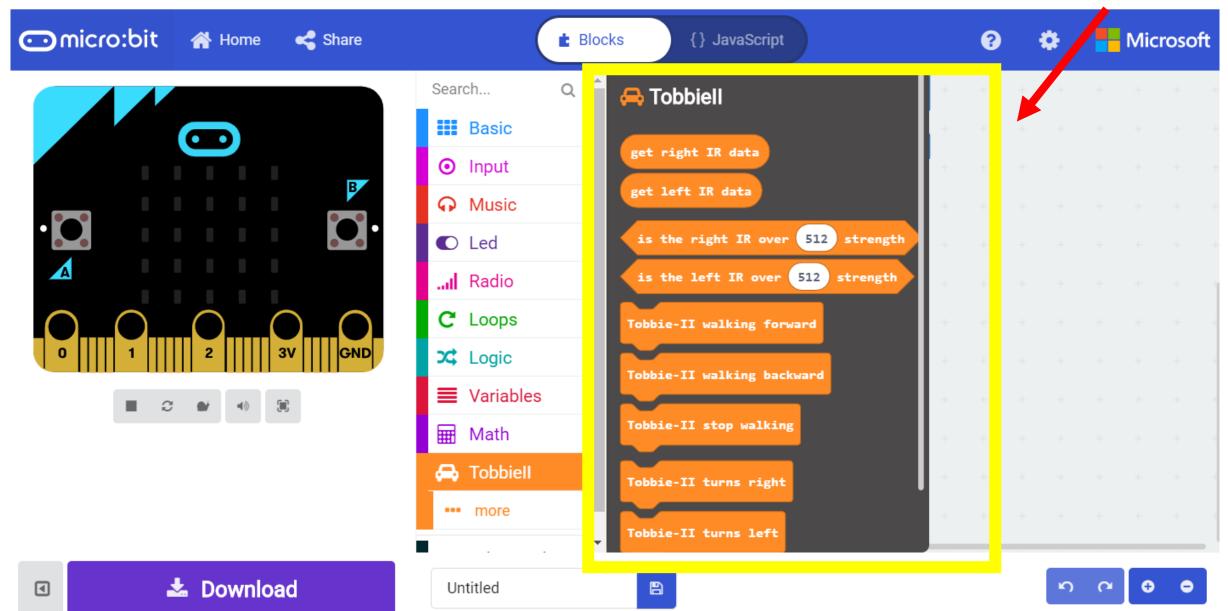
STEP 7: Click searching result



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



STEP 9: Click and acquire basic pre-coded moves

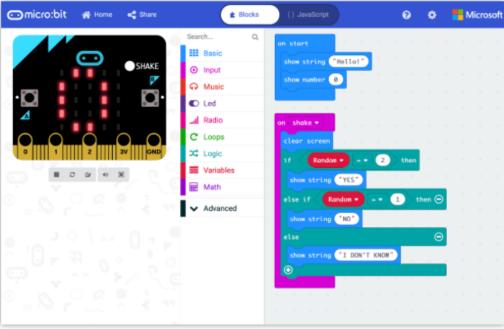


Coding is about trial and error, learning from making mistakes. Any questions regarding how to make codes on micro:bit website, pls visit pages below.



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.



MakeCode Editor

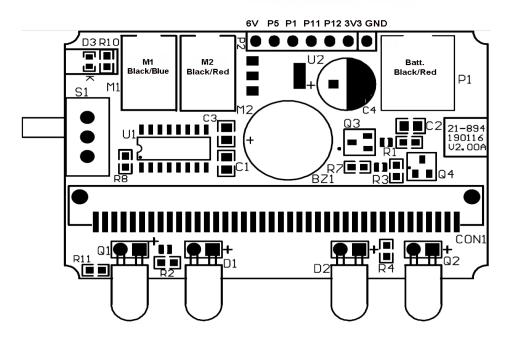
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RESOURCE 1

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URL: refer to Step 2 & 3



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Micro:bit_Board	894 (Tobbie II Controller board)	
P0	Buzzer (BZ1)	Make a sound
P12	IR_TX (transmitter) (D1,D2)	Transmit IR
P1	IR_RX (Right) (Q1)	Receiving IR (Right)
P2	IR_RX (Left) (Q2)	Receiving IR (Left)
P13	M1A (Motor A+) (Blue)	Motor1 Output
P14	M1B (Motor A-) (Black)	Motor1 Output
P15	M2A(Motor B+) (Red)	Motor2 Output
P16	M2B (Motor B-) (Black)	Motor2 Output

