

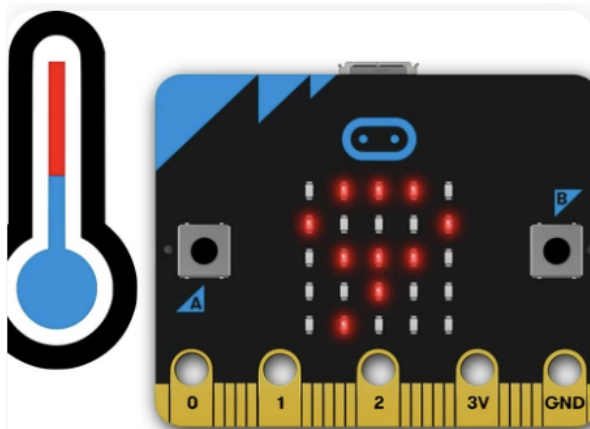
MICROBIT



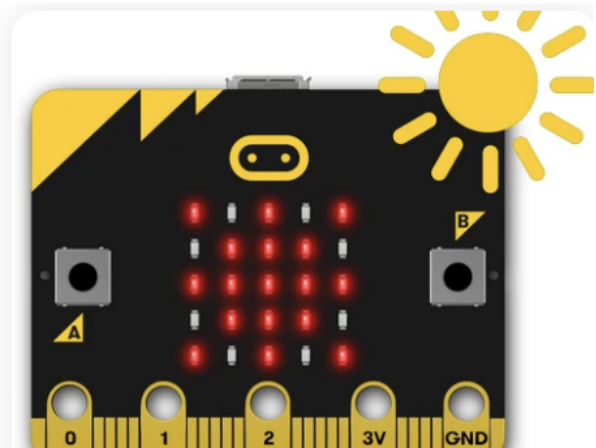
Description:

The BBC micro:bit is a small computer that helps you learn about how software and hardware can be used together. It's like a tiny computer that fits in your pocket! It has a screen that can show different patterns with lights, buttons that you can press, sensors to detect things around it, and other features that allow it to interact with you and the world around you. By programming the micro:bit, you can make it do cool things and make it respond to your commands. It's a fun way to explore and understand technology!

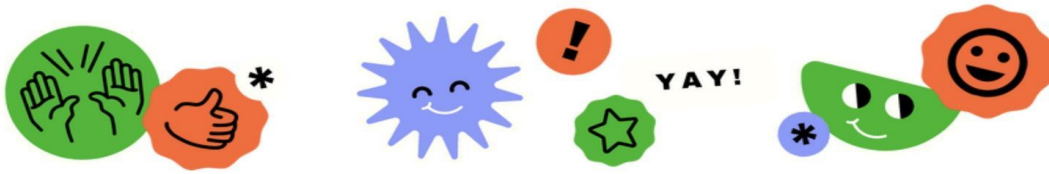
Things to try:



Max-min thermometer



Sunlight sensor



Check out these links for more info:

- <https://www.youtube.com/watch?v=46nqNwqVE1w&t=72s>
- <https://microbit.org/projects/make-it-code-it/thermometer/>

Using the Micro:bit :

1. Connect the micro:bit to your computer:
2. Open the MakeCode editor: Go to the MakeCode website (makecode.microbit.org) and select "New Project" to open the MakeCode editor.
3. Add the necessary blocks
4. Drag and drop the blocks
5. Once you have finished coding, download the code. This will generate a file with the .hex extension.
6. Transfer the code to the micro:bit: Locate the downloaded .hex file on your computer and drag it onto the micro:bit.
7. Test: Disconnect the micro:bit from the computer and power it using a battery pack or USB power source.

