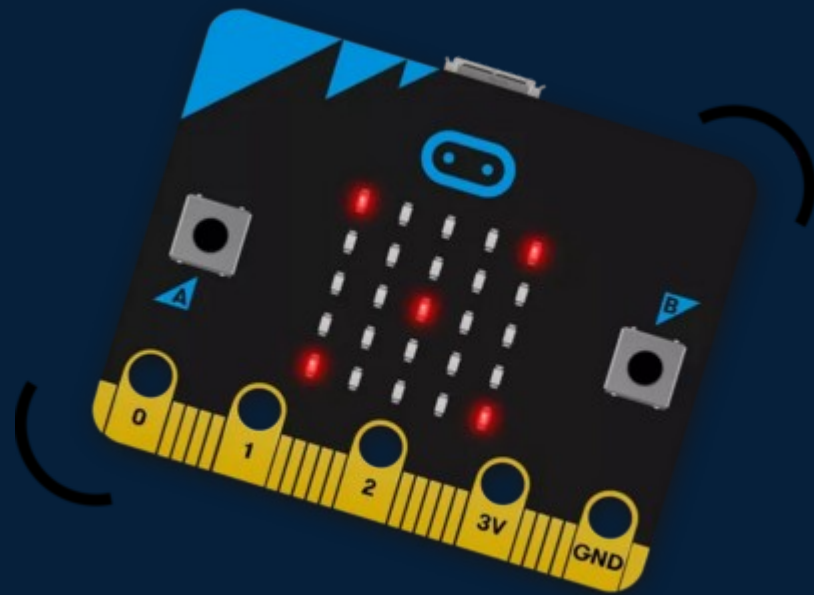
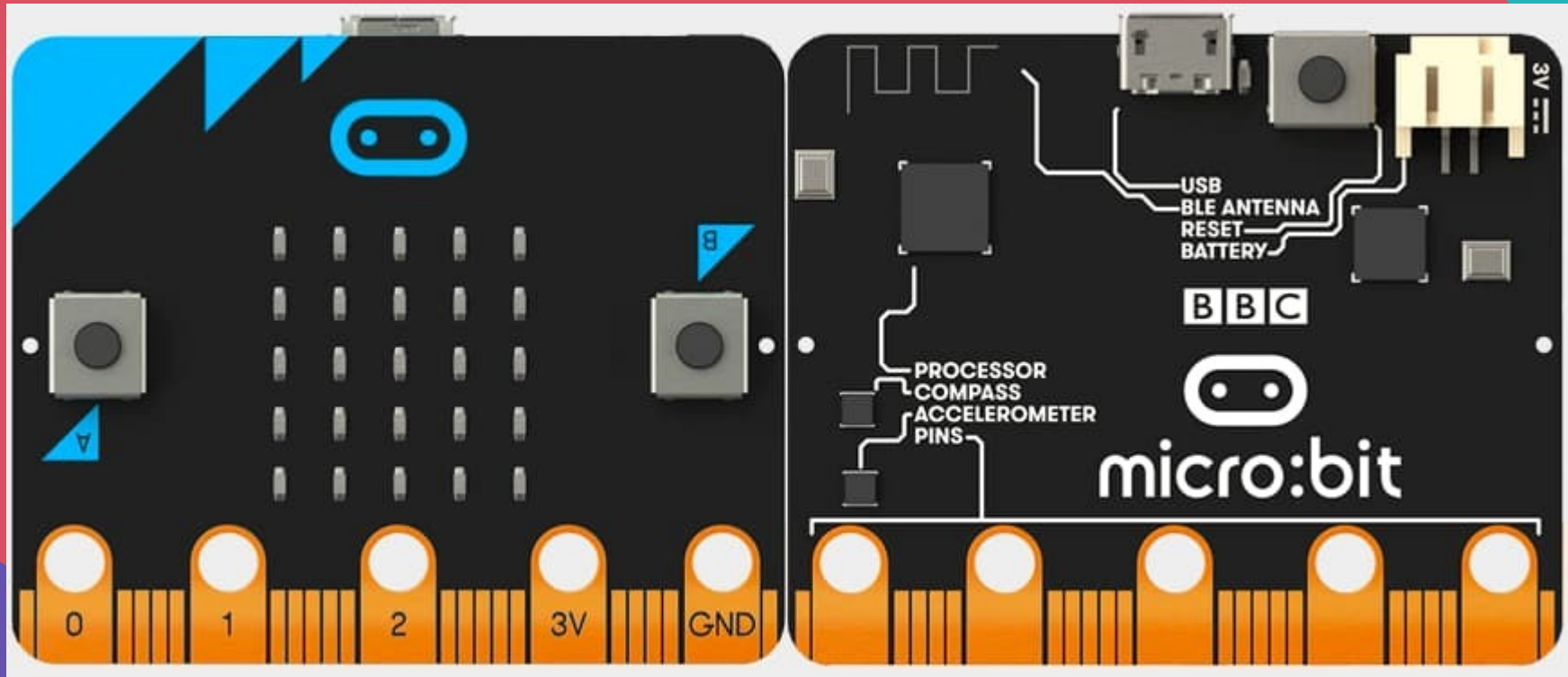


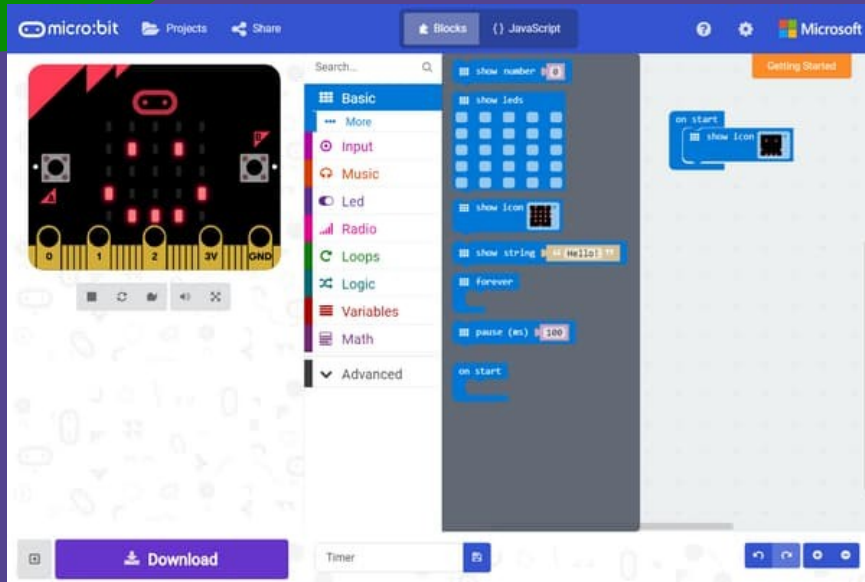
# micro:bit Basics



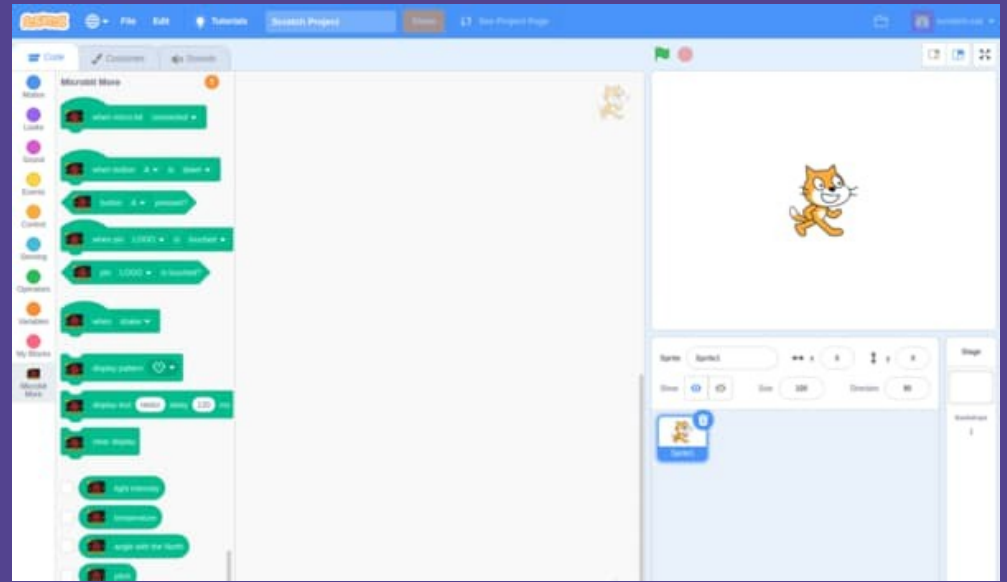
# Meet the micro:bit



# Programming

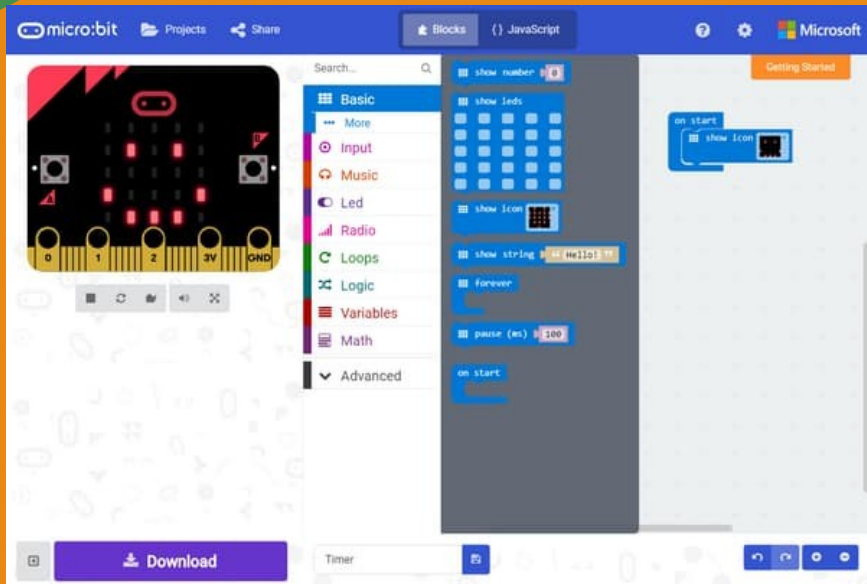


Makecode



Scratch  
(with micro:bit extension)

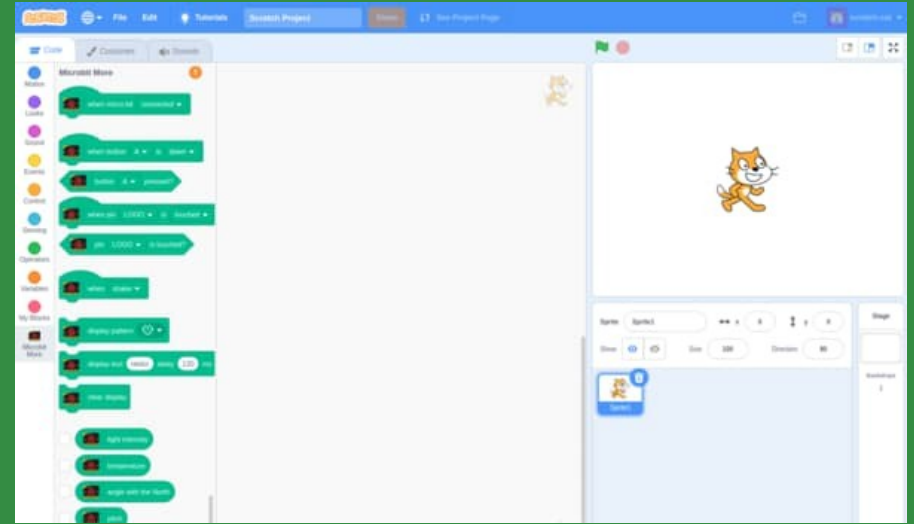
# Makecode



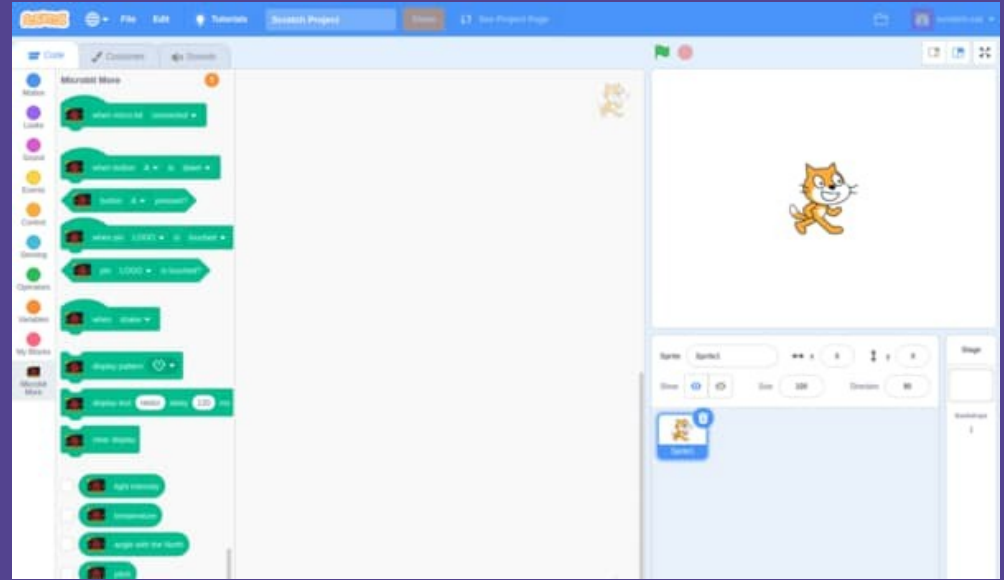
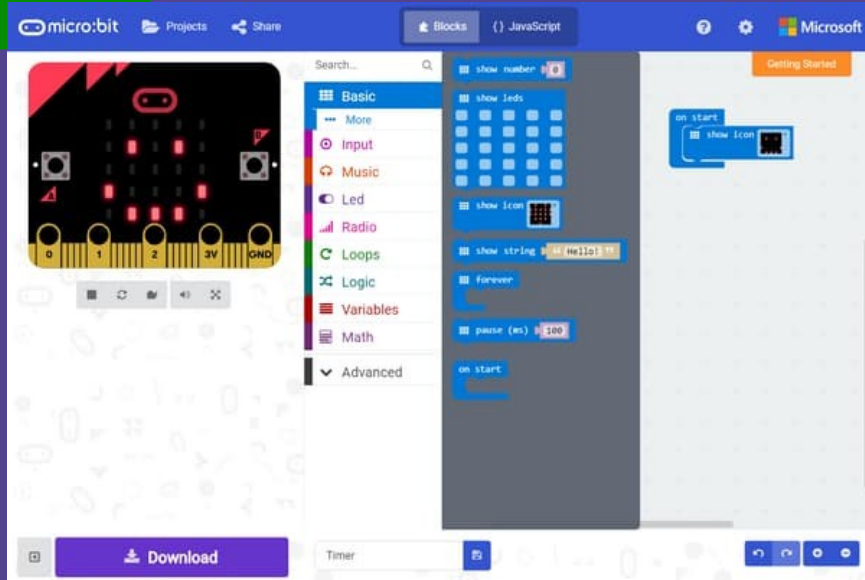
- Program runs on micro:bit
- Can work without computer (...after programming)
- Access full capabilities of micro:bit (...including any external components)

# Scratch (with extension)

- Program runs on computer, and sends commands to micro:bit
- Cannot work without computer!
- Can integrate with Scratch program (eg. Games, animation, TM2Scratch)
- Access most capabilities of micro:bit, but only a few external components

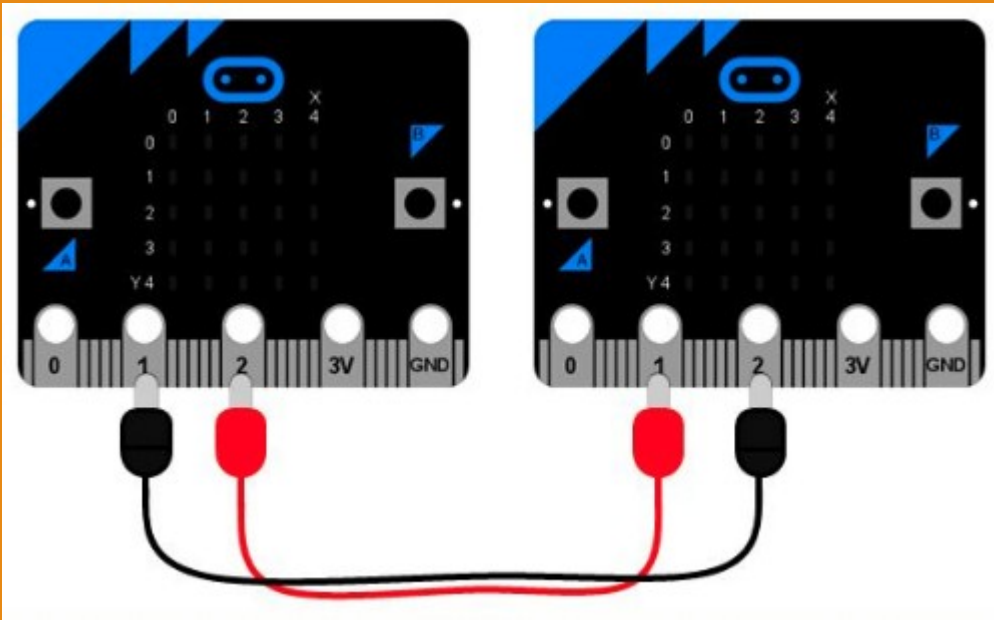


# Which to Use?



**BOTH!**

# Using Both



- Best of both worlds
- Scratch
  - Interface with Scratch programs
- Makecode
  - Interface with external components
- Wire connection
  - Communication between two micro:bits



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