Your Name:

Your Age:

kids invent stuff

This month's challenge:

Notification Inventions!

Inventions for crazy things that can happen when you get a text or a phone call!

Interesting Fact:

There are nearly 9 Billion mobile devices connected worldwide. That's more devices than there are people on the planet!

Tell us about your idea:

IET The Institution of Engineering and Technology

Don't forget to give your invention a name!

Draw your invention idea:

The Institution of Engineering and Technology
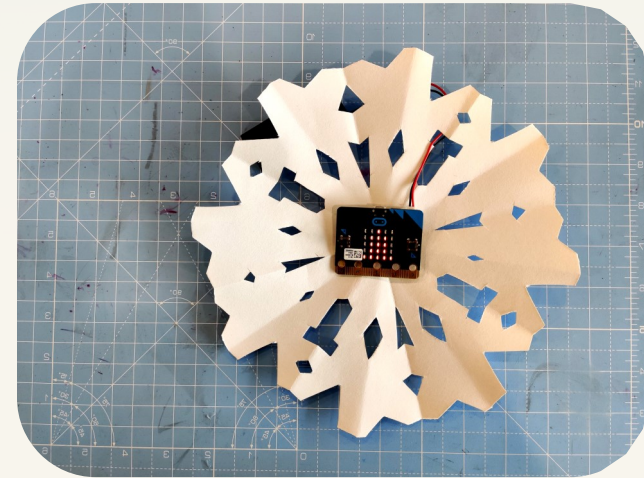
You can send us a video explaining your idea too!

Invent at Home Challenge:
Weather Notifications

Here's how to create your own weather alert invention!

This is your project, so try making adjustments and trying new ways of creating it with different patterns – because there are many ways to make this project work.
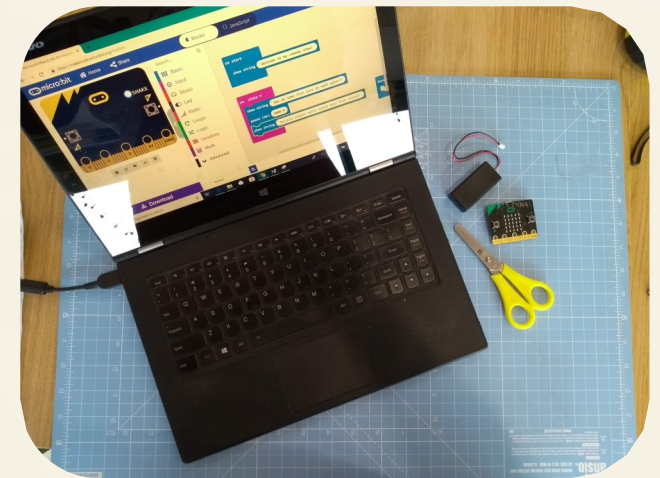

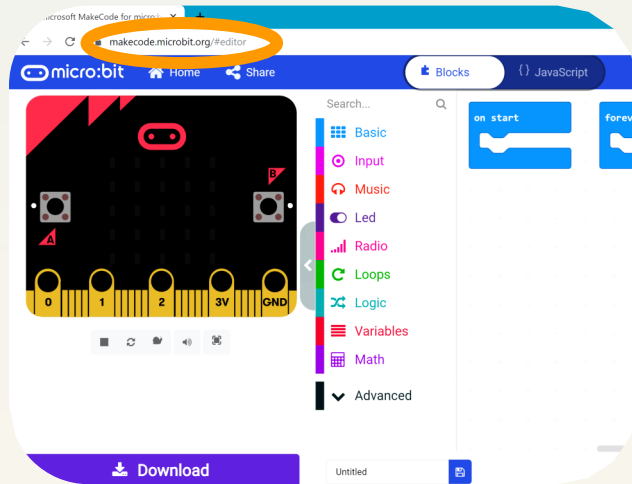## Materials:

- Paper
- Felt tip pens
- Glue stick

Equipment:

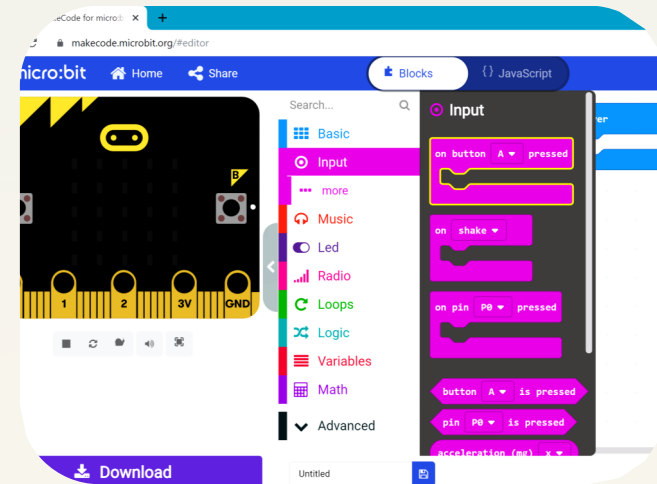- Laptop or tablet
- Scissors
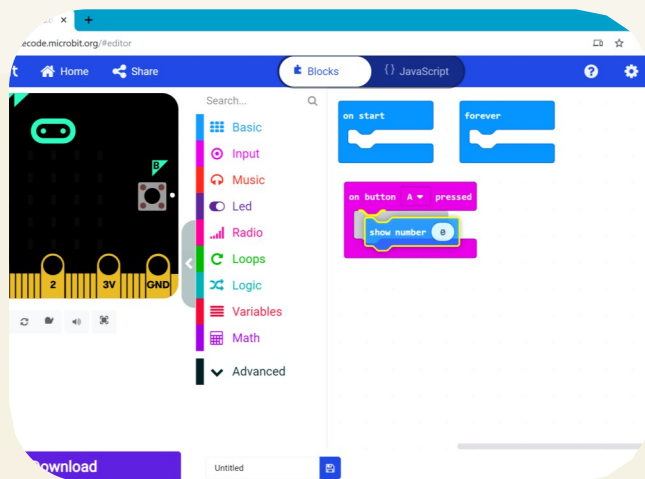- Micro:bit kit

1.

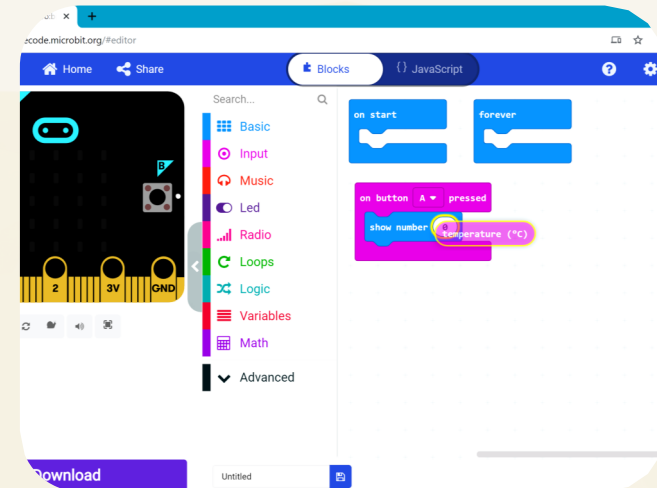Go to 'https://makecode.microbit.org/#editor'

2.

Drag and drop the 'on button A pressed' block into the workspace.
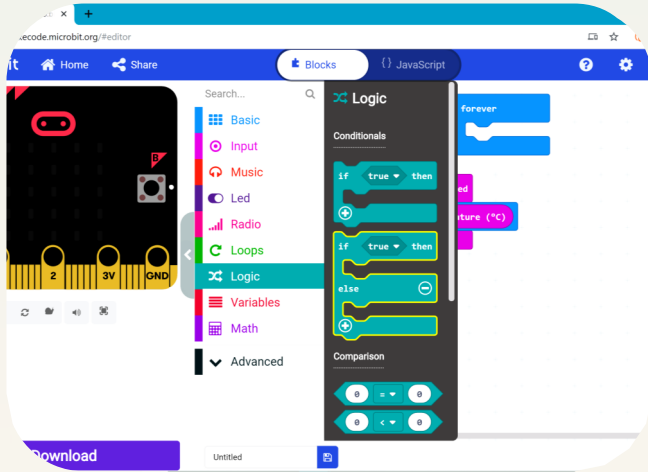
3.

Drag and drop the 'show number' block inside the 'on button A pressed' block.
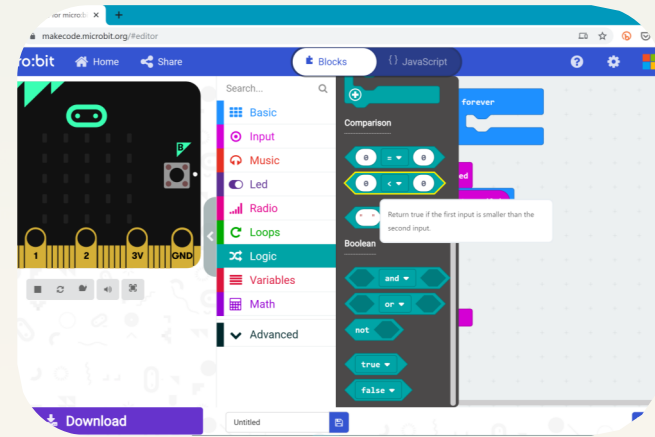
4.

From the 'input' menu, select the 'temperature' block. Replace '0' with the 'temperature' block.
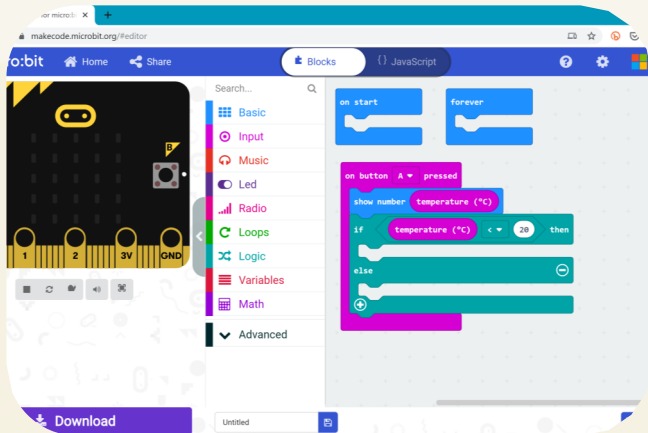
5.

Drag and drop the 'if' block from the logic menu into the workspace.
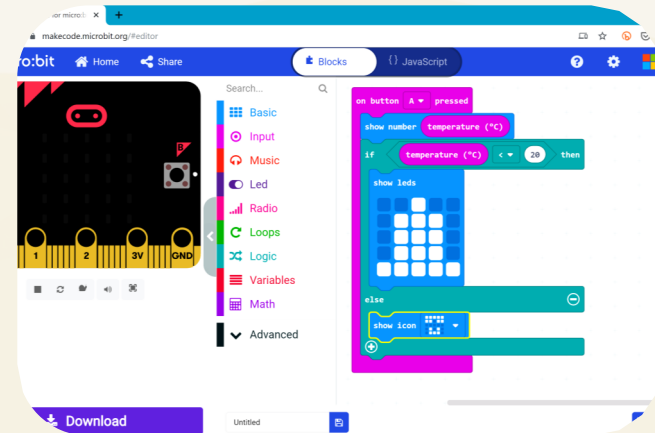
6.

Drag and drop the '0<0' comparison block to replace the 'true' block.

7.

Replace the first '0' with a temperature block. Replace the number with '20.'

8.

Create emojis to notify you when the temperature is too cold or warm.

What happens when you press A?