6.Listen to music

1. Learning goals

In this lesson, we will learn to use micro:bit to make a music player, because micro:bit itself does not have audio equipment.

We need to install micro:bit on the Wrist:bit watch expansion board and use the buzzer above to play music.
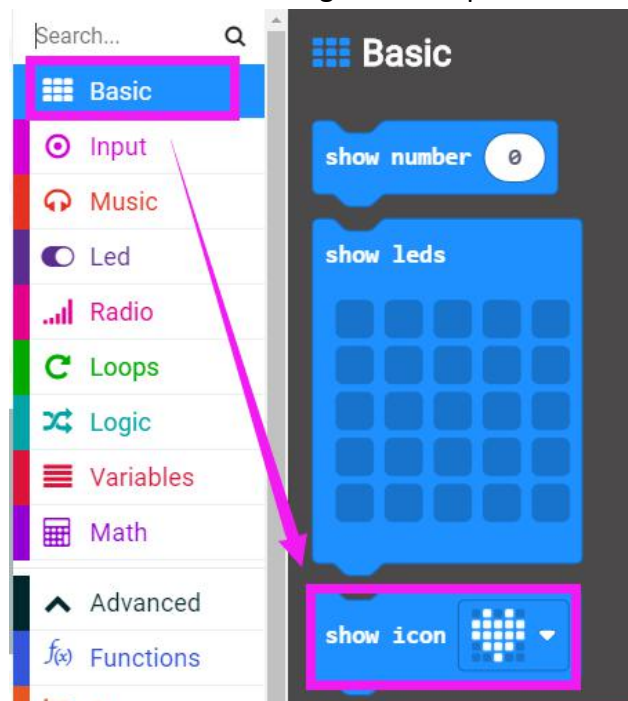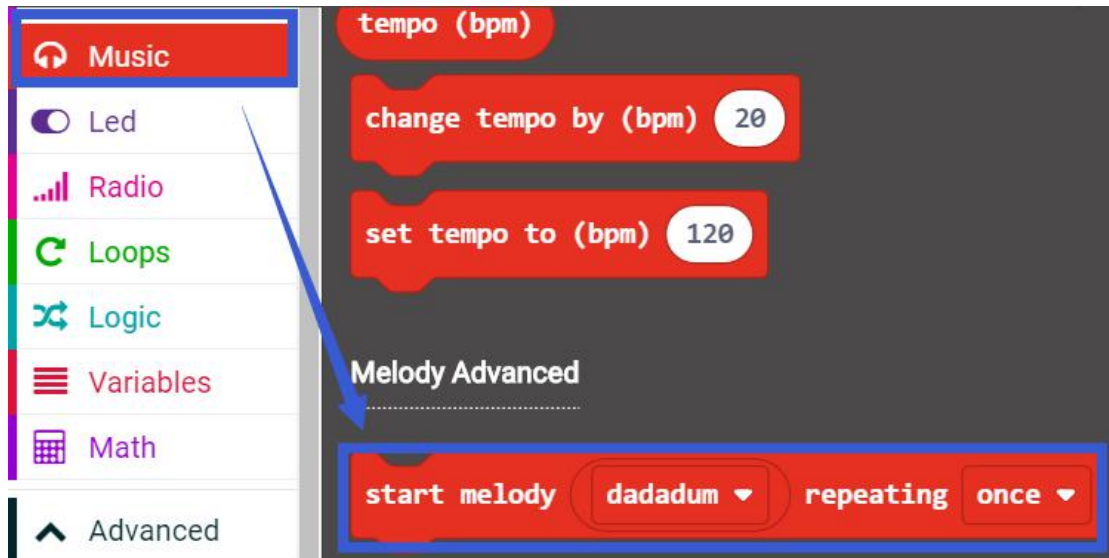
2. Programming method

Mode 1 online programming: First, we need to connect the micro:bit to the computer by USB cable. The computer will pop up a USB flash drive and click on the URL in the USB flash drive: http://microbit.org/ to enter the programming interface to program.

Mode 2 offline programming: We need to open the offline programming software. After the installation is complete, enter the programming interface, click【New Project】, you can program.
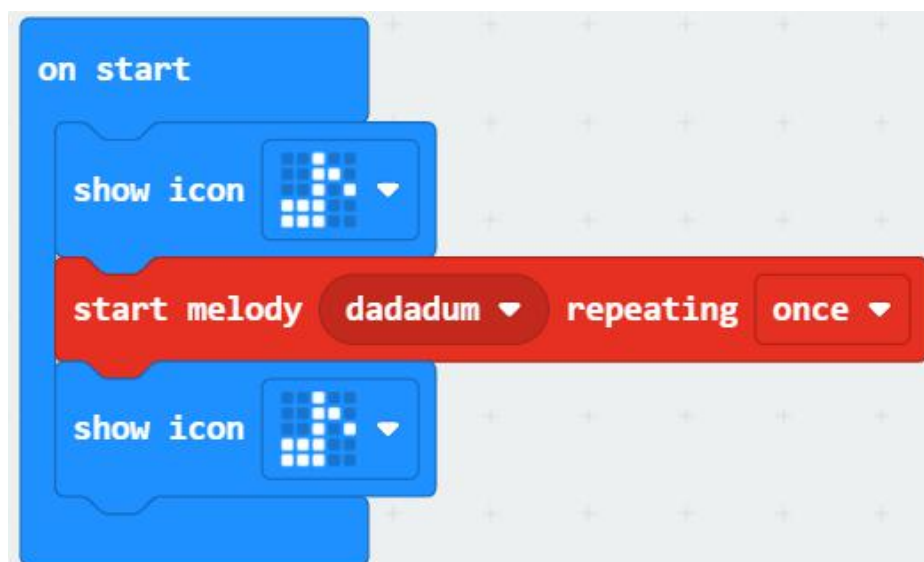
3. Looking for blocks

The following is the location of the building blocks required for this programming.

4. Combine block

The summary program is shown below.

5. Experimental phenomena

After the program is successfully downloaded, the micro: bit dot matrix will display music pattern, and it will play music "dadaum".