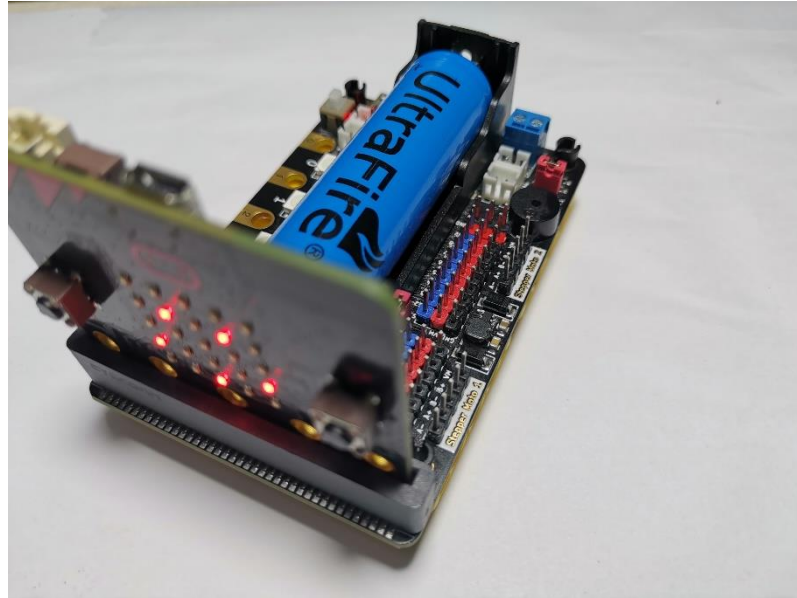


Section 6. Magicbit plays music

- 1、 Achieve the goal
- 2、 Preparation before class
- 3、 Block programming

Section 6. Magicbit plays music



1、Achieve the goal

Write microbit music playback control program to drive the extended version of the Magicbit buzzer to play music

Section 6. Magicbit plays music

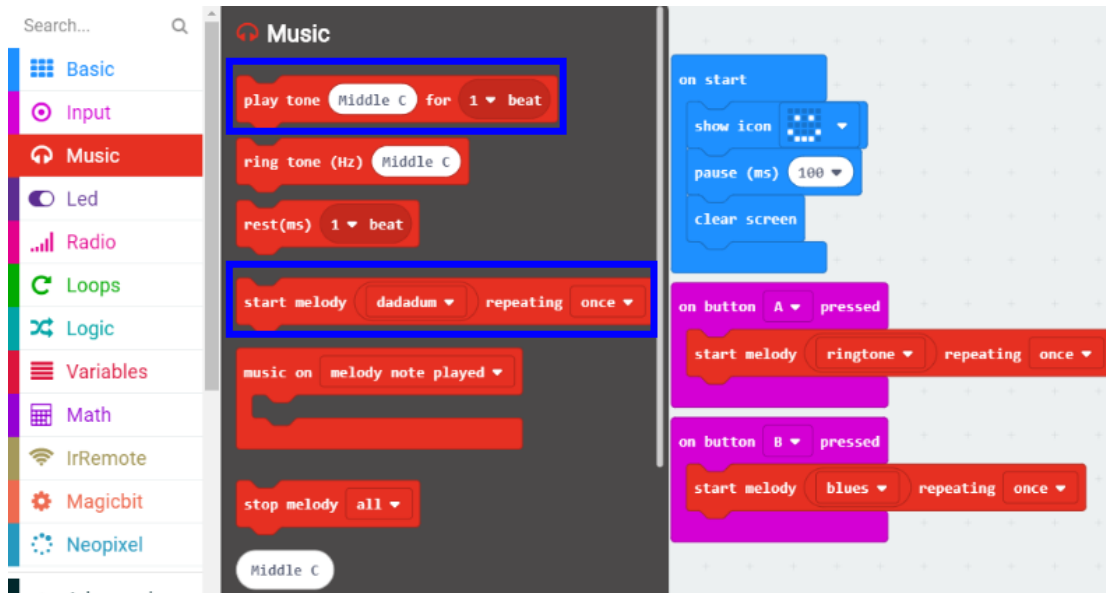


2、Preparation before class

Prepare a microbit motherboard, a USB cable, a Magicbit extension, and a computer

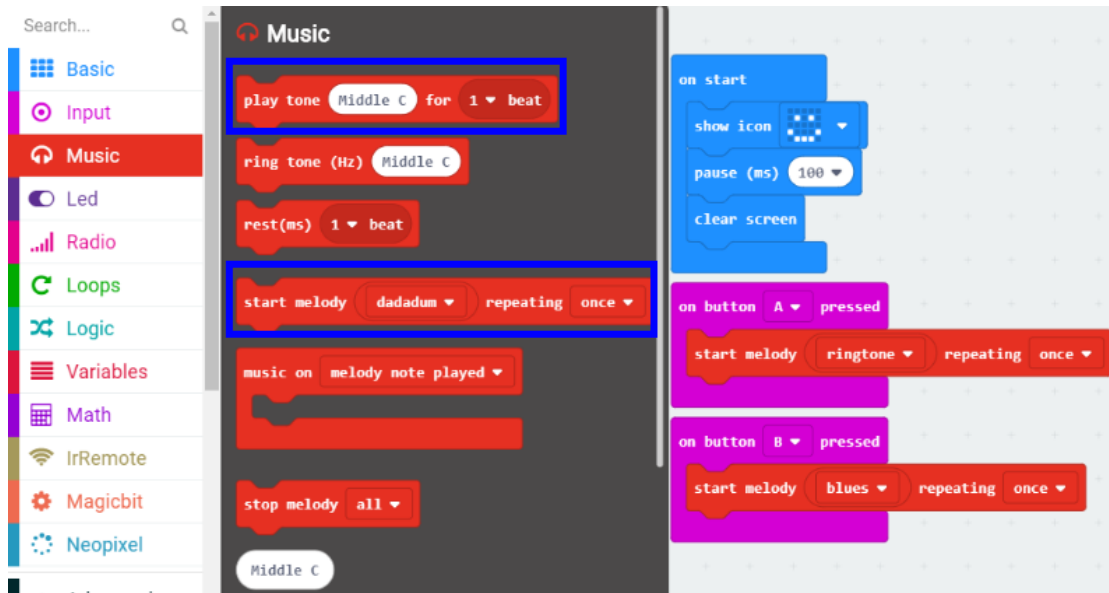
3、Block programming

1. How does microbit play music? In the music block pack, we can select the number 2 to play the melody - repeat - the program block, the first white triangle of the program block is used to select the music, the second white triangle is used to select the number of plays

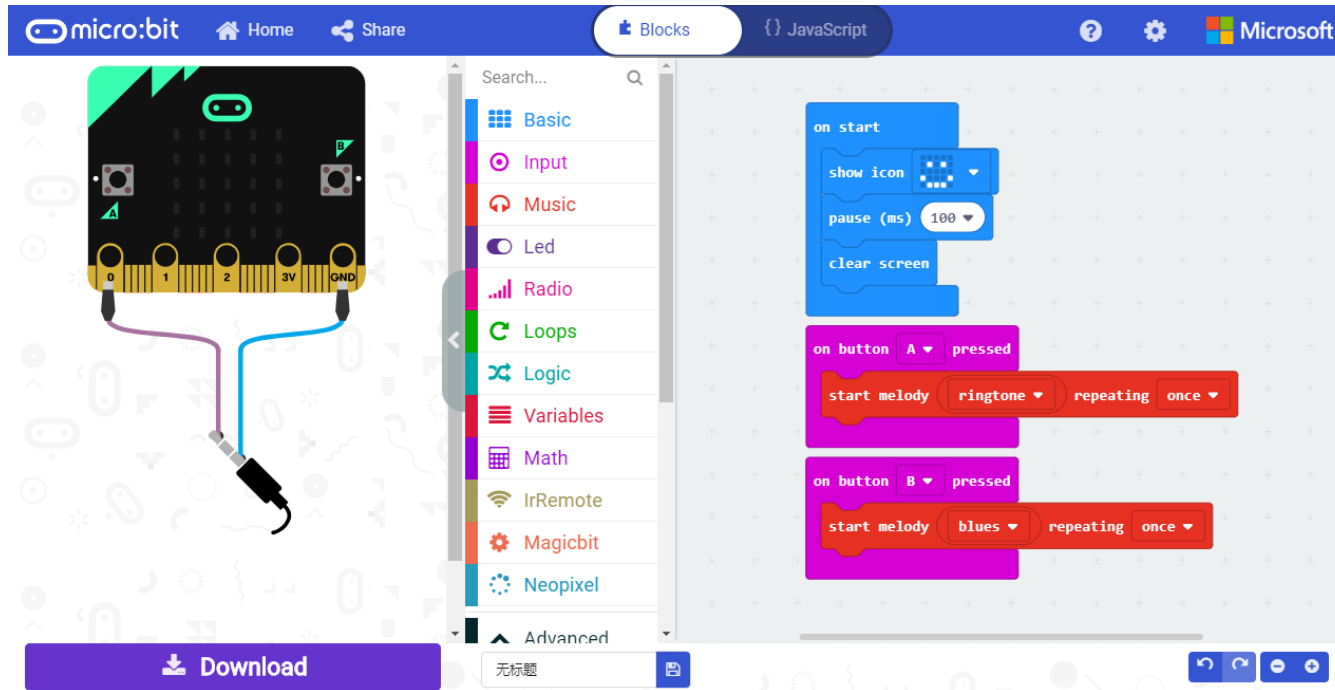


3. Block programming

2. When it is turned on, the screen displays a smiley face. At this point microbit starts to detect if any of the buttons are being pressed. If button A is pressed, the ringtone is played again. If B is pressed, the blues is repeated



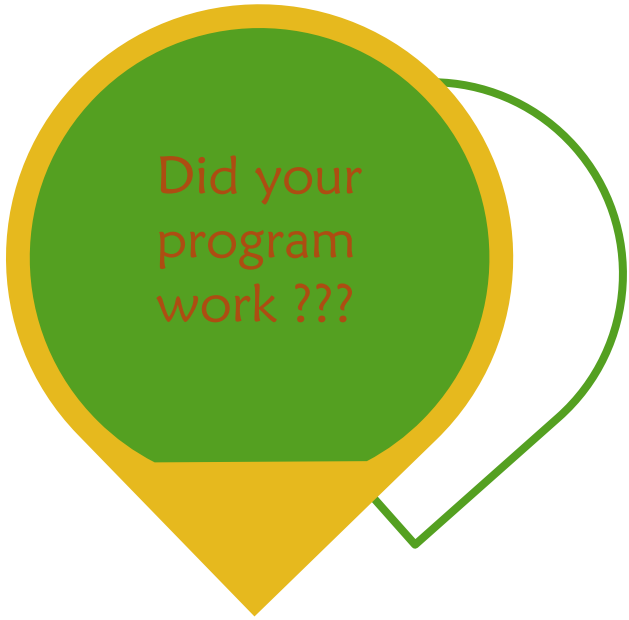
Section 6. Magicbit plays music



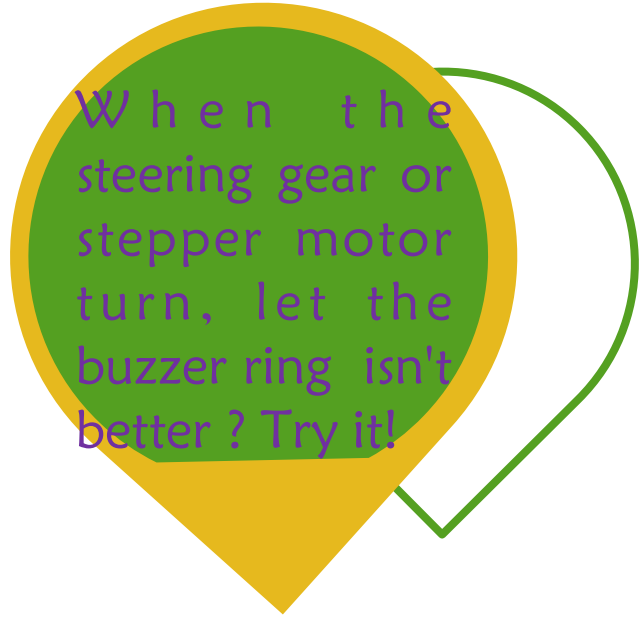
Download
experience

1. Click "download" to download the program to microbit, and you can see the results of your programming

Section 6. Magicbit plays music

A green circular callout bubble with a yellow border and a yellow triangular tail pointing downwards and to the right. A green line connects the tail to the bubble.

Did your
program
work ???

A green circular callout bubble with a yellow border and a yellow triangular tail pointing downwards and to the left. A green line connects the tail to the bubble.

When the
steering gear or
stepper motor
turn, let the
buzzer ring isn't
better ? Try it!