

## Section 8. Magicbit goldfinger experiment

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

## Section 8. Magicbit goldfinger experiment

### 1、Achieve the goal

Magicbit retains microbit's goldfinger and it to control LED blinking

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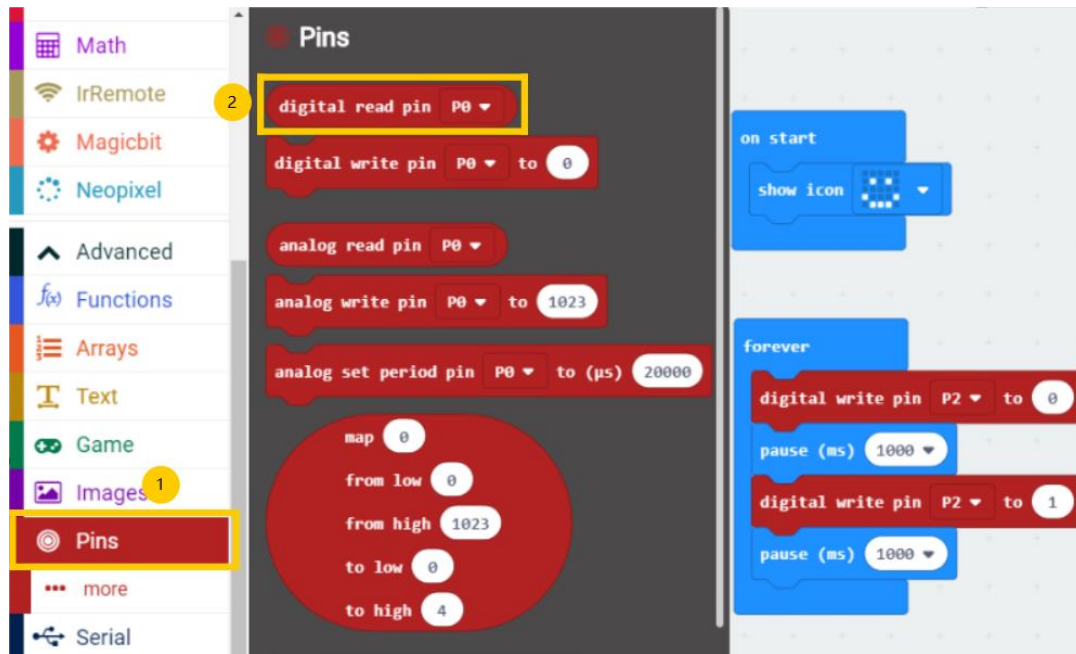


### 2、Preparation before class

Prepare a microbit motherboard, a USB cable, a Magicbit extension, two alligator clips, an LED lamp, and a computer

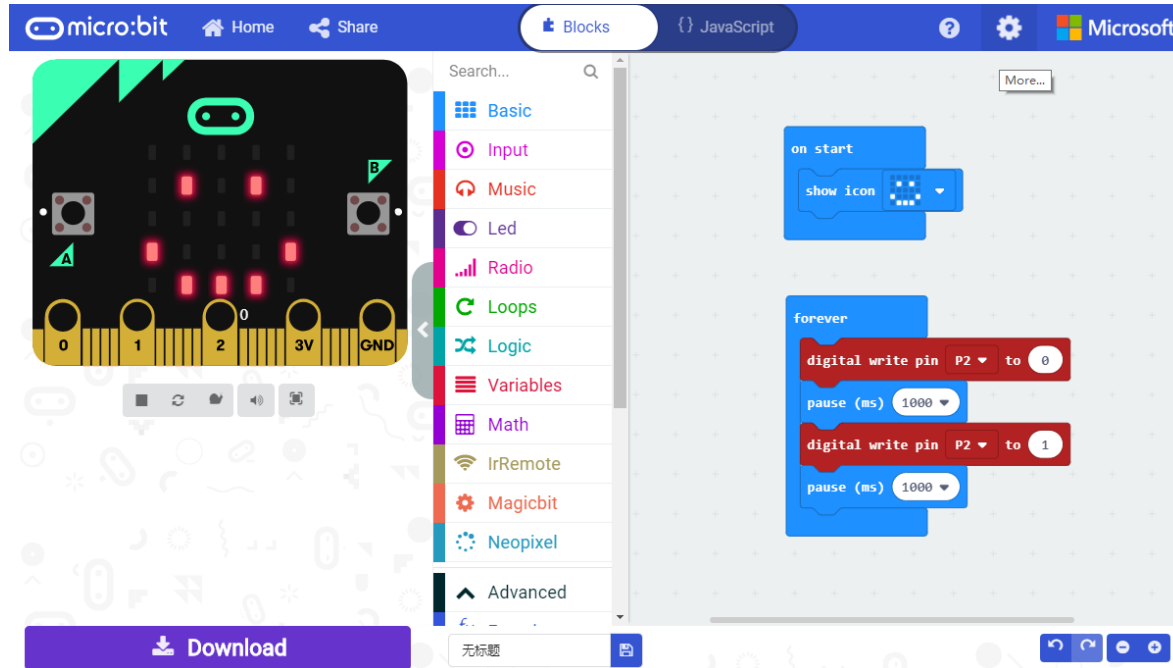
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## 3、Block programming



1. In the pin bag, there are program blocks with the function of goldfinger. By writing values to the pin number, the gold hand can control the level of guiding pin.
2. Display a smiling face at startup, and then write the high and low level to pin P2 in an infinite loop to control the LED light to turn on and off


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Download  
experience

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

## 第8节 Magicbit金手指实验

A green speech bubble with an orange border and a green outline, containing the text "Did your program work ???".

Did your  
program  
work ???

A green speech bubble with an orange border and a green outline, containing the text "What can a goldfinger do?? Use your creativity and give it a try!".

What can a  
goldfinger do??  
Use your  
creativity and  
give it a try!