

## Make a Card



1. Fold the card  
in half

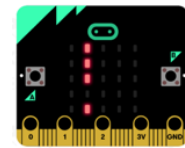
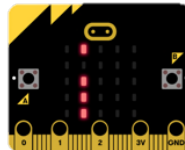
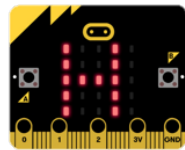
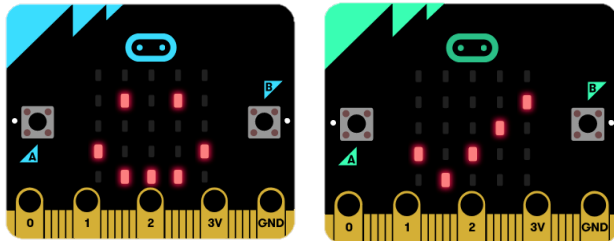


2. Glue the backs  
together



3. Cut along the  
dashed line

### Display Cards



### Display Cards

Use these cards in this order:

1. Say Hello
2. Add Your Name
3. Display Image
4. Create an Emoji
5. Tell Time
6. Make a Wristband
7. Make a Badge

[microbit.org/scratch](https://microbit.org/scratch)



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## Make a Card



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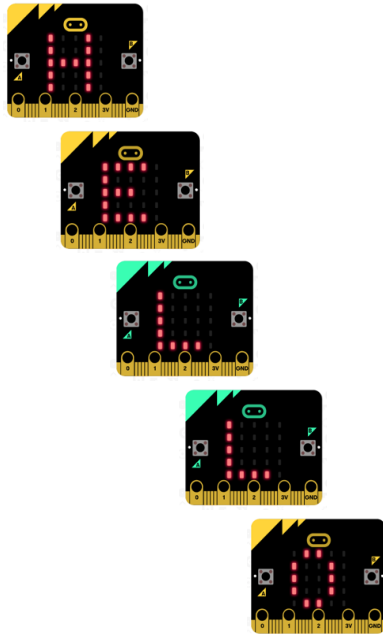
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together



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dashed line

### Say Hello

Make your micro:bit display a  
greeting.



[microbit.org/scratch](https://microbit.org/scratch)

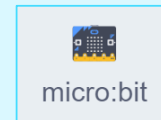
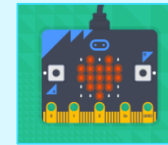
1

 micro:bit

### Say Hello

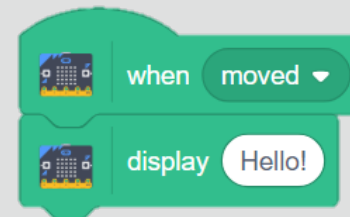
[microbit.org/scratch](https://microbit.org/scratch)

#### GET READY

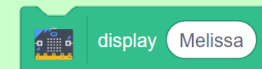


Connect your micro:bit to Scratch.

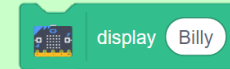
#### ADD THIS CODE



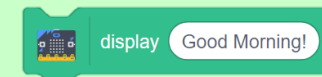
#### TRY IT



Move your micro:bit. Can you read the message?



**CHALLENGE:** What else can you make the  
display say?



## Make a Card



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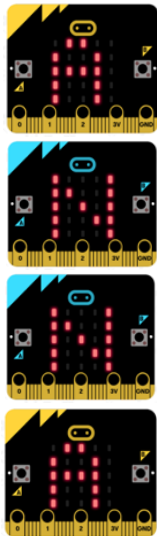
2. Glue the backs  
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3. Cut along the  
dashed line

### Add Your Name

Program the micro:bit to display  
your name.



ANNA

[microbit.org/scratch](https://microbit.org/scratch)

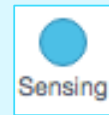
2

 micro:bit

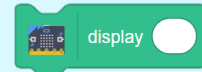
### Add Your Name

[microbit.org/scratch](https://microbit.org/scratch)

#### GET READY

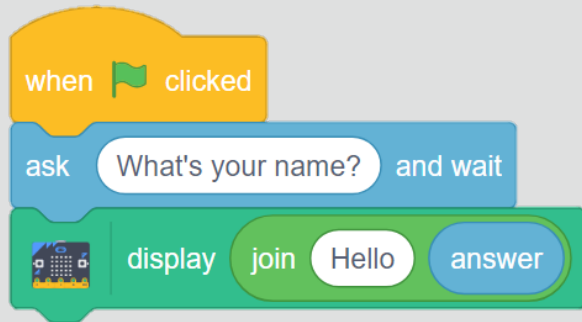


ask and wait



Use the Sensing blocks to interact with your  
micro:bit.

#### ADD THIS CODE



Combine your  
answer into a  
phrase.

#### TRY IT

Start the program and type your name.  
What happens on your micro:bit?

ask What's your name? and wait

## Make a Card



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in half



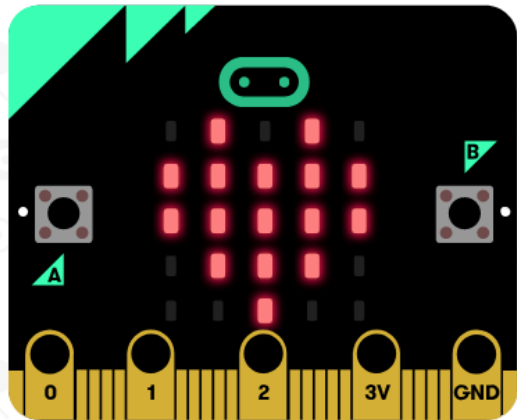
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together



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dashed line

### Display Image

Depict an image on your  
display.



[microbit.org/scratch](https://microbit.org/scratch)

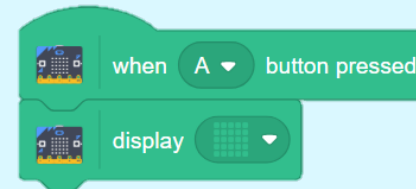
3

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### Display Image

[microbit.org/scratch](https://microbit.org/scratch)

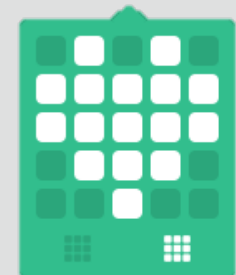
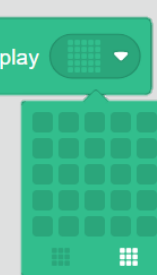
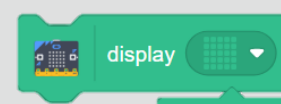
#### ADD THIS CODE



#### MAKE A DESIGN

Use the 5x5 grid to  
create your design.

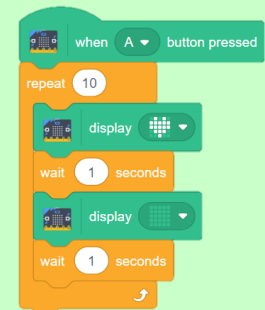
Turn on/off each light  
by clicking on the  
desired blocks.



#### TRY IT

Click the **A button** to display the  
image on your micro:bit.

**CHALLENGE:** Can you make the lights  
in your image blink on and off  
repeatedly?



## Make a Card



1. Fold the card in half



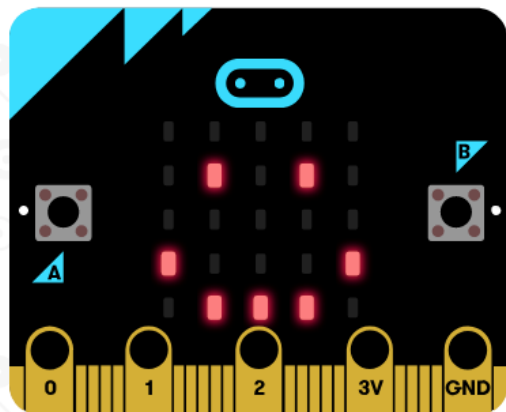
2. Glue the backs together



3. Cut along the dashed line

### Create an Emoji

Create your own emoji for the display.



[microbit.org/scratch](https://microbit.org/scratch)

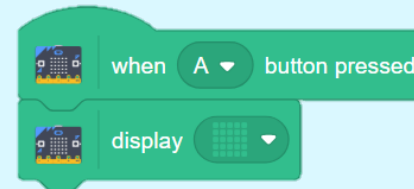
4

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### Create an Emoji

[microbit.org/scratch](https://microbit.org/scratch)

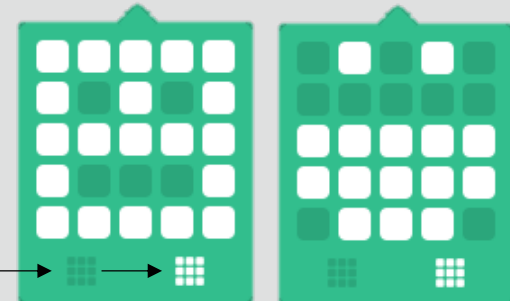
#### ADD THIS CODE



#### MAKE A DESIGN

Click the individual blocks to turn them on in your design.

Click to turn all lights off/on.



#### TRY IT

Click the **A button** to display the image on your micro:bit.

**CHALLENGE:** What other emojis can you create?



## Make a Card



1. Fold the card in half



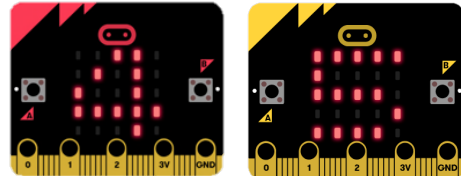
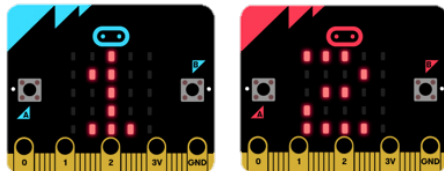
2. Glue the backs together



3. Cut along the dashed line

### Tell Time

Display the correct time on your micro:bit.



[microbit.org/scratch](https://microbit.org/scratch)

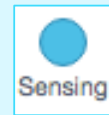
5

 micro:bit

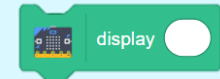
### Tell Time

[microbit.org/scratch](https://microbit.org/scratch)

#### GET READY

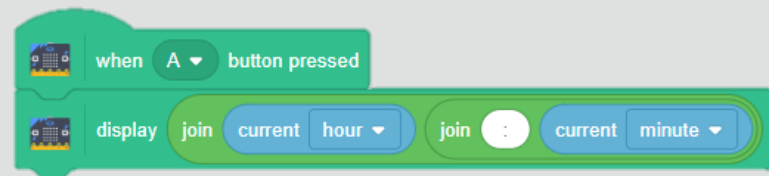


current minute ▾



Use the Sensing blocks to interact with your micro:bit.

#### ADD THIS CODE



Join the current hour and minute together using these Operator blocks.

#### TRY IT

current hour ▾

Click the **A button** to display the time on your micro:bit.

**CHALLENGE:** What other information can you make your micro:bit display?

year  
month  
date  
day of week  
✓ hour  
minute  
second

## Make a Card



1. Fold the card  
in half



2. Glue the backs  
together



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dashed line

## Make a Wristband

Wear your micro:bit on your wrist!



Based on project from Microsoft workshop

[microbit.org/scratch](https://microbit.org/scratch)

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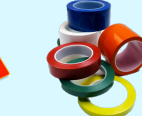
## Make a Wristband

[microbit.org/scratch](https://microbit.org/scratch)

### MATERIALS



Heavy  
paper



Duct tape  
(2in)



Scissors



Hot glue or  
Glue Dots

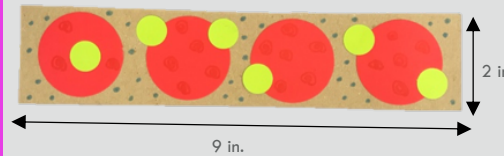


Craft  
materials



Velcro

### PROCEDURE



Use heavy paper or folded Duct tape to create the wristband.

Decorate with craft materials.



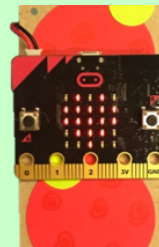
Front



Back

Adhere Velcro fasteners.

### TRY IT



Use a small amount of hot glue or a Glue Dot to secure your micro:bit to the front of the wristband.

Attach the battery pack to the back.

\*\*\*Hot glue placed on the back of the micro:bit (avoiding the pins) will not cause harm.



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together



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## Make a Badge

Wear your micro:bit on your shirt!



[microbit.org/scratch](https://microbit.org/scratch)

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 micro:bit

## Make a Badge

[microbit.org/scratch](https://microbit.org/scratch)

### MATERIALS



Craft foam



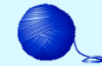
Scissors



Hot glue or  
Glue Dots



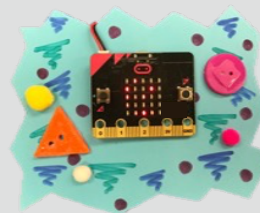
Craft  
materials



String



Paper  
clip



### PROCEDURE



BACK

Use foam to design the shape of your badge. Decorate with craft supplies.

Attach your micro:bit with hot glue to the front of the badge. Connect the battery pack to the back.

### TRY IT

**Add a paperclip to the back of the battery pack to clip the badge onto your shirt!**

To wear your badge as a necklace, poke a hole at each of the top corners and attach a string.

\*\*\*Hot glue placed on the back of the micro:bit (avoiding the pins) will not cause harm.

