

Make a Card



1. Fold the card
in half

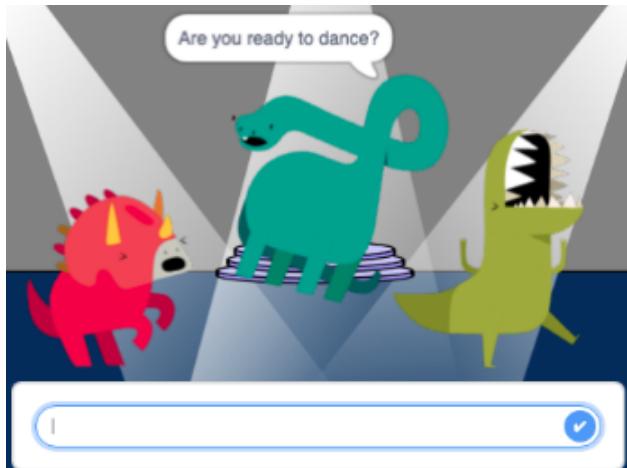


2. Glue the backs
together



3. Cut along the
dashed line

Dance Cards



microbit.org/scratch



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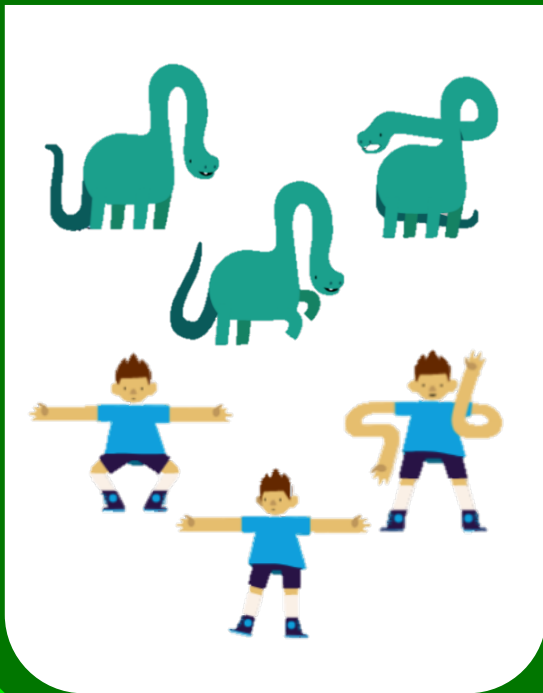
2. Glue the backs
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3. Cut along the
dashed line

Show Your Moves

Change costumes to make your sprite
look like it is dancing around!



microbit.org/scratch

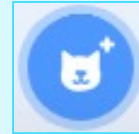
1

 micro:bit

Show Your Moves

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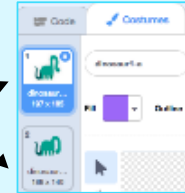
GET READY



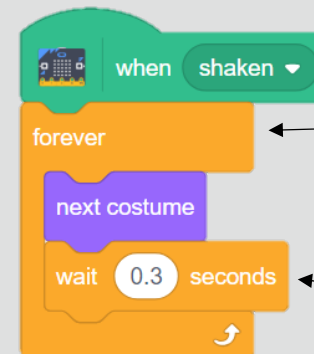
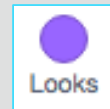
Choose a sprite.

Click the **Costumes** tab.

Make sure your sprite has more than one costume.



ADD THIS CODE



Make the costume change as long as the program runs.

Change the number to affect the sprite's speed.

TRY IT



Add a background.

Shake your micro:bit.

Make your sprite dance on the dance floor!

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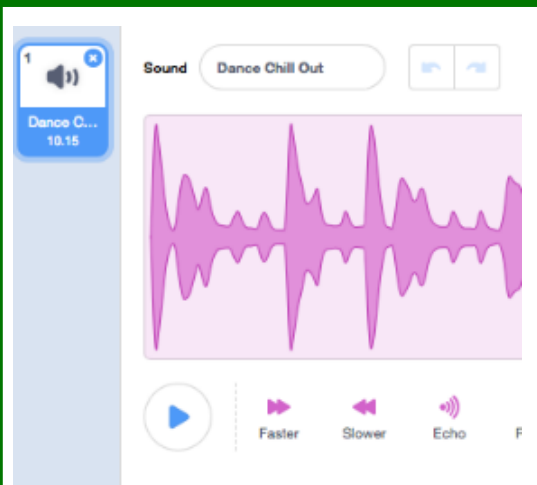
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Add Music

Make your character dance to a beat!
Choose a soundtrack for the scene.



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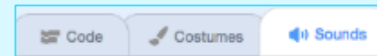
2

micro:bit

Add Music

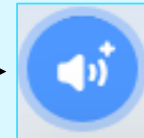
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GET READY

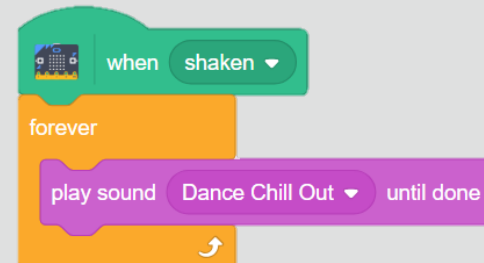
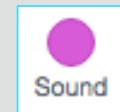


Click the Sounds tab.

Choose a sound
from the Library.

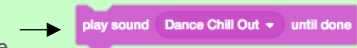


ADD THIS CODE

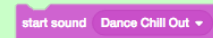


TRY IT

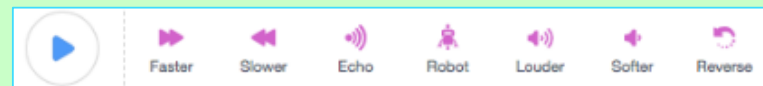
Make sure to choose **PLAY SOUND UNTIL DONE** so that the entire track plays before starting over.



vs.



Edit the track in the Sounds tab.



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Spin

Spin your sprites all around!



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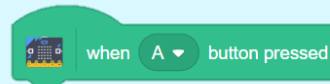
3

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Spin

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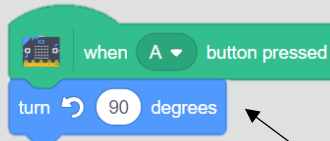
GET READY



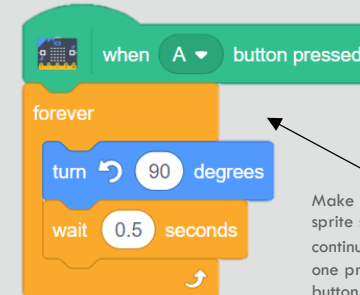
Start your sprite with the A button.

Control when and how fast your sprite spins
in a circle.

ADD THIS CODE



Make the sprite spin
once with each press
of the button.

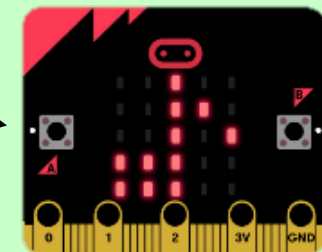


Make your
sprite spin
continuously with
one press of the
button.

TRY IT

Click the **A button** to spin the
sprite.

TIP: Experiment with the degrees
of rotation!



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Change Colors

Add image effects to change the
way your sprite looks.



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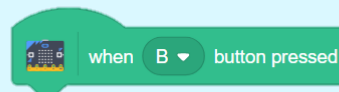
Change Colors

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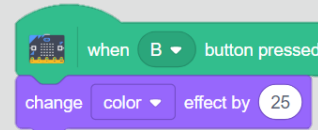
GET READY

Change your sprite's color with the B
button.

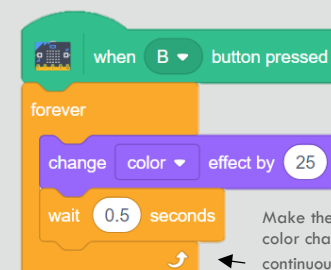
Control when and how fast your sprite
changes its appearance.



ADD THIS CODE

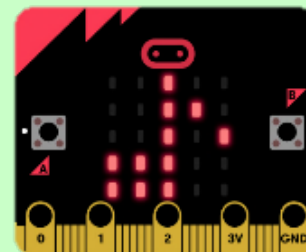


Make the sprite's color change once
with each press of the button.



Make the sprite's
color change
continuously with
one press of the
button.

TRY IT



Click the **B button** to change the
sprite's color.

CHALLENGE: What other effects
can you use on your sprite?

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Copy & Paste: Add Friends

Duplicate code onto additional sprites.



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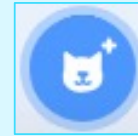
5

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Copy & Paste: Add Friends

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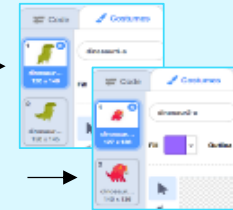
GET READY



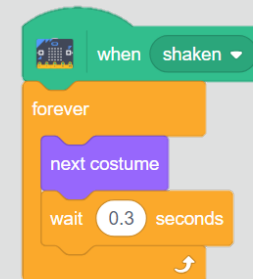
Add additional
sprites.

Click the **Costumes** tab.

Make sure your sprites have more than
one costume.



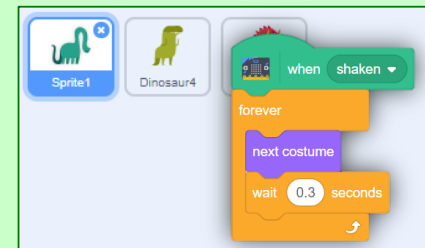
ADD THIS CODE



TRY IT

Drag and drop your code
from the first sprite onto the
additional characters.

Click each sprite to make sure
that the code transferred.



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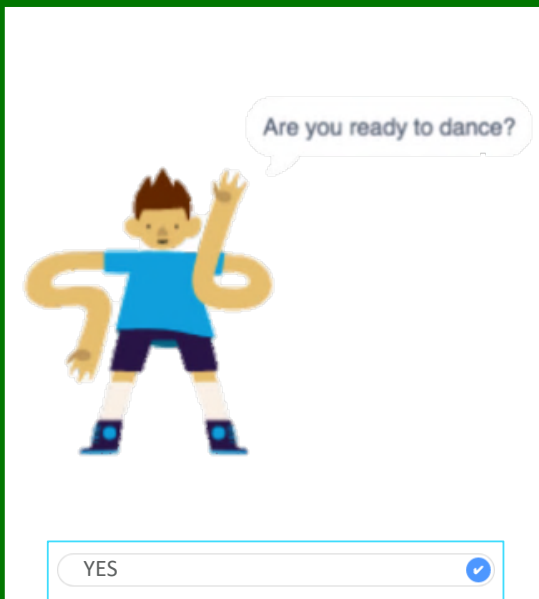
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Ask and Answer

Interact with your micro:bit's
display.



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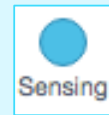
6

micro:bit

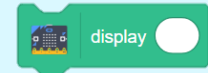
Ask and Answer

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GET READY



ask and wait

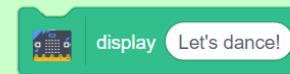


Use the Sensing blocks to interact with your
micro:bit.

ADD THIS CODE



TRY IT



Run the program. Answer the question and check your micro:bit.
Can you read the message?