Let's Dance Cards

My turn to dance!

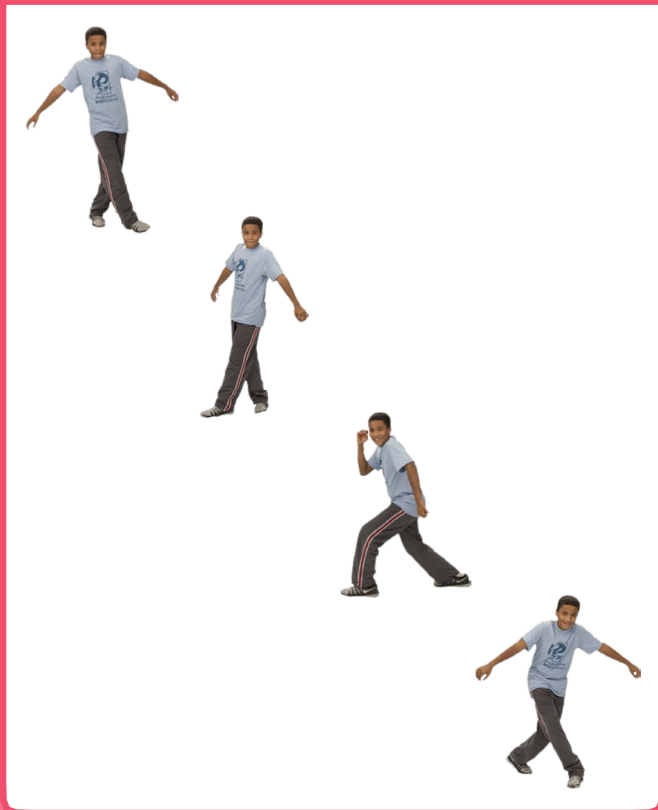**Design an animated dance scene with music and dance moves.**

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Let's Dance Cards

Try these cards in any order:

- **Dance Sequence**
- **Dance Loop**
- **Play Music**
- **Take Turns**
- **Starting Position**
- **Shadow Effect**
- **Interactive Dance**
- **Color Effect**
- **Leave a Trail**

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Dance Sequence

Make an animated dance.

Dance Sequence

GET READY

Choose a dancer.

Ten80 Dance

Click the **Costumes** tab to see the different dance moves.

Costumes

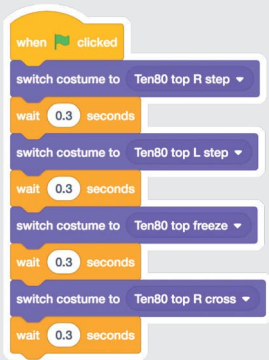To see just the dance sprites, click the **Dance** category at the top of the Sprite Library.

Fantasy   Dance   Music

ADD THIS CODE

Click the **Code** tab.

Code

Ten80 Dance

Type how long to wait between dance moves.

```
when [flag] clicked
switch costume to  Ten80 top R step
wait (0.3) seconds
switch costume to  Ten80 top L step
wait (0.3) seconds
switch costume to  Ten80 top freeze
wait (0.3) seconds
switch costume to  Ten80 top R cross
wait (0.3) seconds
```
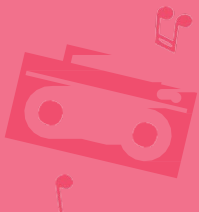
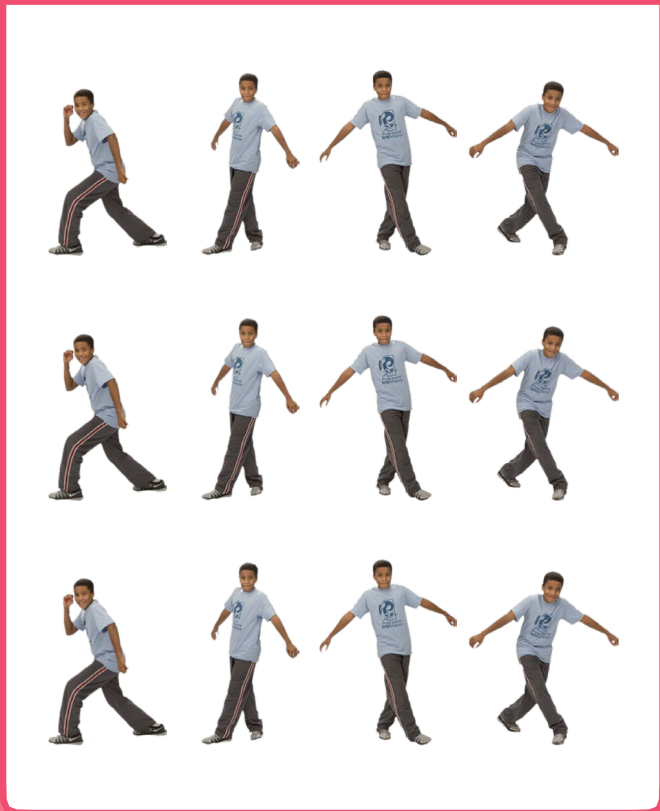Pick different dance moves.

TRY IT

Click the green flag to start.

Dance Loop

Repeat a series of dance steps.

Dance Loop

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GET READY

Go to the
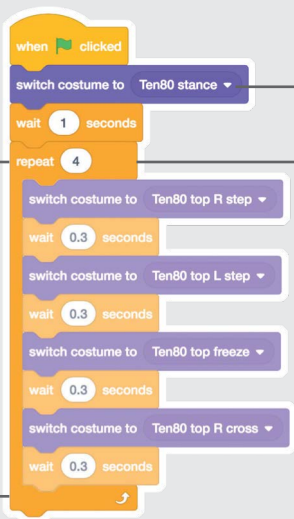Sprite Library.

Click the **Dance** category.

Ten80 Dance

Choose a dancer.

ADD THIS CODE

Ten80 Dance

```
when [flag] clicked
switch costume to Ten80 stance ▾
wait 1 seconds
repeat 4
  switch costume to Ten80 top R step ▾
  wait 0.3 seconds
  switch costume to Ten80 top L step ▾
  wait 0.3 seconds
  switch costume to Ten80 top freeze ▾
  wait 0.3 seconds
  switch costume to Ten80 top R cross ▾
  wait 0.3 seconds
```

Choose a dance pose.

Type how many times
you want to repeat the
dance.

Add a **repeat
b**lock around your
dance sequence.

```
repeat ( )
```

TRY IT

Click the green flag to start.

Play Music
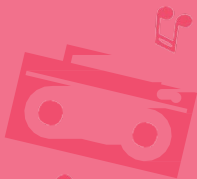
Play and loop a song.
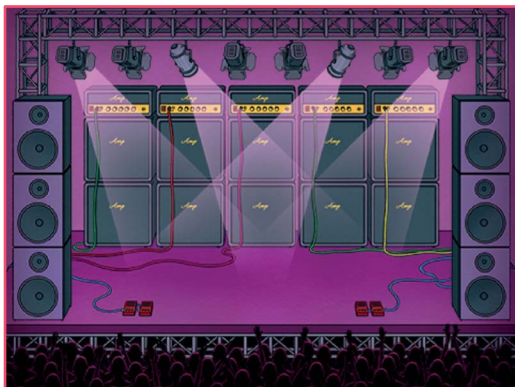
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Play Music

GET READY
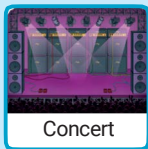
Click the **Sounds** tab.

Choose a backdrop.

Concert

Choose a song from the **Loops** category.

ADD THIS CODE

Click the **Code** tab.

Concert

```
when 🏳 clicked
repeat 10
  play sound Dance Celebrate ▼ until done
```
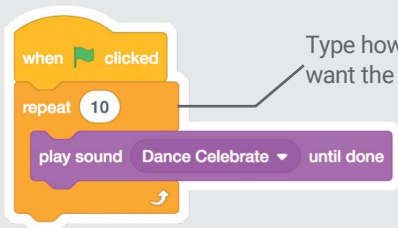
Type how many times you want the song to repeat.

TIP

Make sure to use `play sound Dance Celebrate ▼ until done` (not `start sound Dance Celebrate ▼`) or else the music won't finish playing before it begins again.
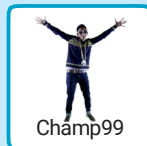
Take Turns

Take Turns

GET READY

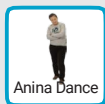Choose two dancers from the Dance category.

Anina Dance

Champ99

ADD THIS CODE

Anina Dance

```
when [flag] clicked
switch costume to anina top L step ▼
wait 0.3 seconds
switch costume to anina top R step ▼
wait 0.3 seconds
switch costume to anina stance ▼
broadcast message1 ▼
```

— Broadcast a message.

Champ99

```
when I receive message1 ▼
say My turn to dance! for 1 seconds
repeat 4
  next costume
  wait 0.3 seconds
```

Tell this dancer sprite what to do when it receives the message.

TRY IT

Click the green flag to start. — [flag] [stop]

Starting Position

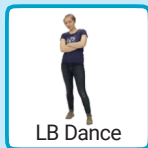Tell your dancers where to start.

SCRATCH

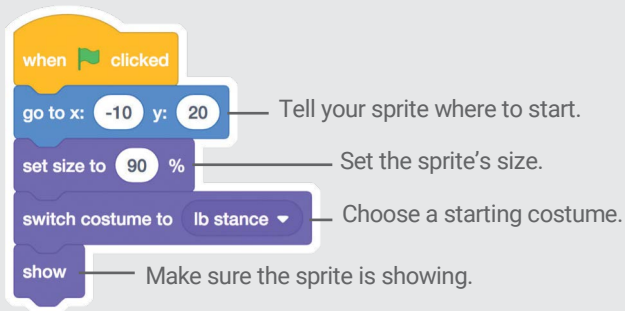# Starting Position

GET READY

Go to the
Sprite Library.

Click the **Dance** category.

LB Dance

Choose a dancer.

ADD THIS CODE

LB Dance

```
when 🚩 clicked
go to x: -10 y: 20
set size to 90 %
switch costume to lb stance ▼
show
```

Tell your sprite where to start.

Set the sprite's size.

Choose a starting costume.

Make sure the sprite is showing.

TIP
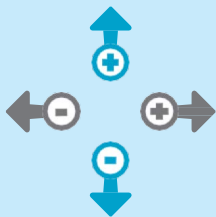
Use `go to x: ( ) y: ( )` to set a sprite's position on the Stage.

x is the position on the Stage from left to right.

y is the position on the Stage from top to bottom.
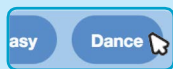
Shadow Effect

Make a dancing silhouette.

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Shadow Effect

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GET READY

Go to the
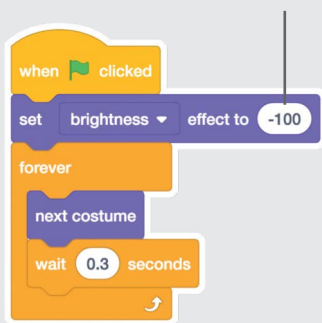Sprite Library.

Click the **Dance** category.

Jouvi Dance

Choose a dancer.

ADD THIS CODE

Choose **brightness**
from the menu.

```
set color ▼ effect to 0
```

color
fisheye
whirl
pixelate
mosaic
brightness
ghost

Set the brightness to **-100** to
make the sprite completely dark.

```
when 🏳 clicked
set brightness ▼ effect to -100
forever
  next costume
  wait 0.3 seconds
```

TRY IT

Click the green flag to start. ——— 🏳 ⬤ ——— Click the stop sign to stop.

Interactive Dance

Press keys to switch dance moves.

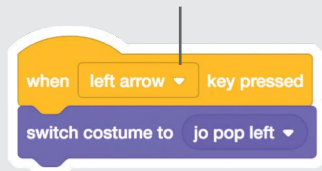# Interactive Dance

GET READY
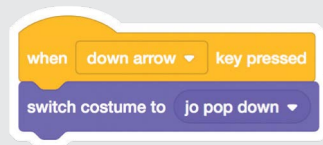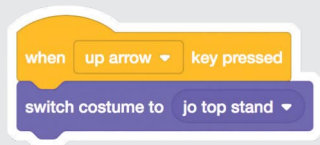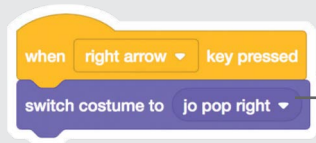
Go to the
Sprite Library.

Click the **Dance** category

Jouvi Dance

Choose a dancer.

ADD THIS CODE

Choose a different key to press
for each dance move.

Pick a dance move from the menu.

when left arrow ▾ key pressed
switch costume to jo pop left ▾

when right arrow ▾ key pressed
switch costume to jo pop right ▾

when up arrow ▾ key pressed
switch costume to jo top stand ▾

when down arrow ▾ key pressed
switch costume to jo pop down ▾

TRY IT

Press the arrow keys on your keyboard.

Color Effect

Make the backdrop change colors.

Color Effect

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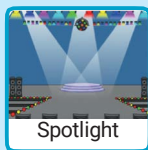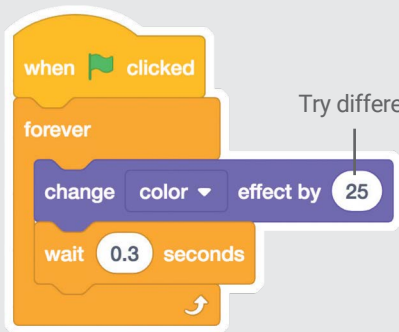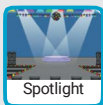Choose a backdrop.

Spotlight

ADD THIS CODE

Spotlight

Try different numbers.

```
when [flag] clicked
forever
    change [color ▼] effect by (25)
    wait (0.3) seconds
```

TRY IT
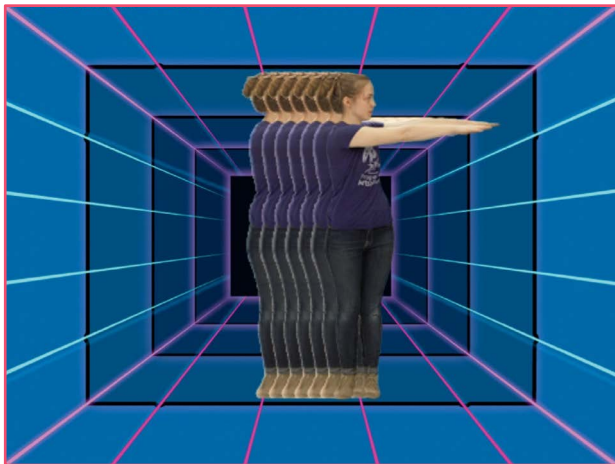
Click the green flag to start.

Leave a Trail

Stamp a trail as your dancer moves.

SCRATCH

Leave a Trail
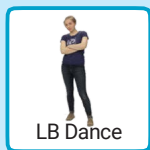
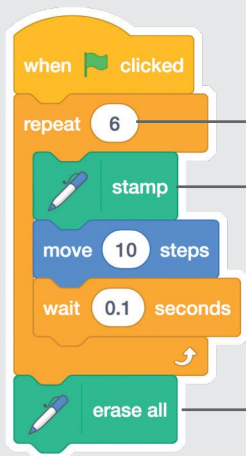## GET READY

Choose a dancer from the Dance category.

LB Dance

Click the **Extensions** button, and then click **Pen** to add the blocks.

ADD THIS CODE

LB Dance

```
when 🏳 clicked
repeat 6
    stamp
    move 10 steps
    wait 0.1 seconds
erase all
```

Type how many times to repeat.

Stamp an image of the sprite on the Stage.

Clear all the stamps.

TRY IT

Click the green flag to start.