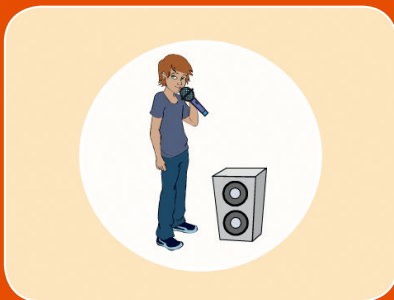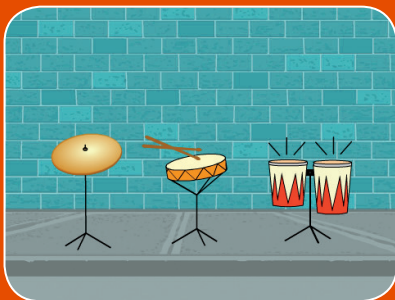# Make Music Cards

Choose instruments, add sounds,
and press keys to play music.

SCRATCH

Make Music Cards

Try these cards in any order:

- **Play a Drum**
- **Make a Rhythm**
- **Animate a Drum**
- **Make a Melody**
- **Play a Chord**
- **Surprise Song**
- **Beatbox Sounds**
- **Record Sounds**
- **Play a Song**

Play a Drum
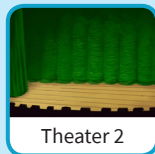
Press a key to make a drum sound.

Play a Drum
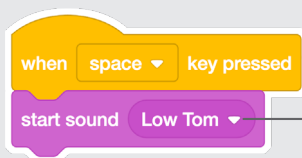
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GET READY

Choose a backdrop.

Theater 2

Choose a drum.

Drum

ADD THIS CODE

```
when [space ▼] key pressed
start sound [Low Tom ▼]
```

Select the sound you want from the menu.
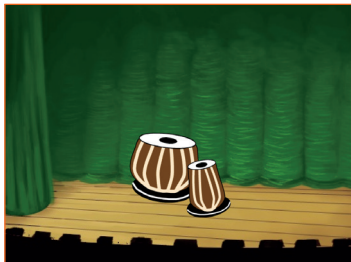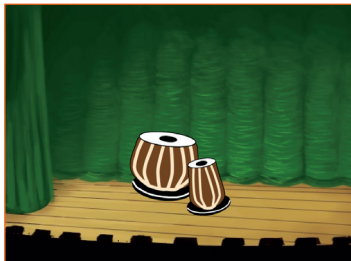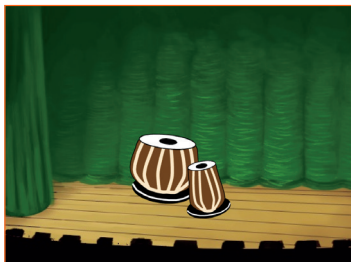
TRY IT

C V B N M

Press the **space** key on your keyboard.

Make a Rhythm

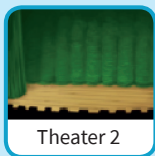Play a loop of repeating drum sounds.

Make a Rhythm

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GET READY

Choose a backdrop.

Theater 2

Choose a drum from the Music category.

Drum Tabla

Dance | Music | Sport

To see just the music sprites, click the Music category at the top of the Sprite Library.

ADD THIS CODE

```
when space key pressed
repeat 3
    start sound Hi Na Tabla
    wait 0.25 seconds
    start sound Hi Tun Tabla
    wait 0.25 seconds
```
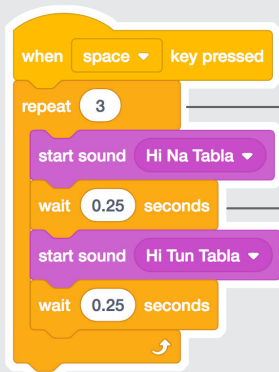
Type how many times you want to repeat.

Try different numbers to change the rhythm.

TRY IT

C V B N M

Press the **space** key on your keyboard.

Animate a Drum

Switch between costumes to animate.

Animate a Drum

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GET READY

Choose a drum.

Drum Conga

Costumes

Click the Costumes tab to see the costumes.
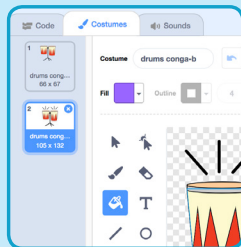
You can use the paint tools to change colors.

ADD THIS CODE

Code
Click the Code tab.

```
when left arrow ▼ key pressed
repeat 4
    play sound High Conga ▼ until done
    next costume
    wait 0.25 seconds
    play sound Low Conga ▼ until done
    next costume
    wait 0.25 seconds
```
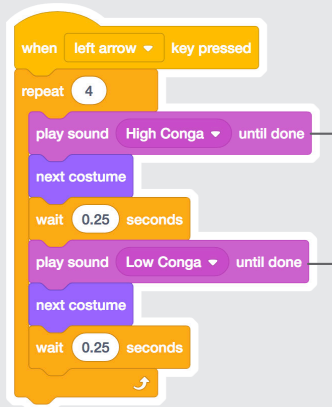
Choose a sound from the menu.

TRY IT

Press the **left arrow** key.

Make a Melody

Play a series of notes.

Make a Melody

GET READY

Choose a backdrop.

Theater 2

Choose the saxophone
or another instrument.

Saxophone

ADD THIS CODE

when **up arrow** ▼ key pressed

start sound **C2 Sax** ▼

wait **0.25** seconds

start sound **G Sax** ▼

wait **0.25** seconds

start sound **E Sax** ▼
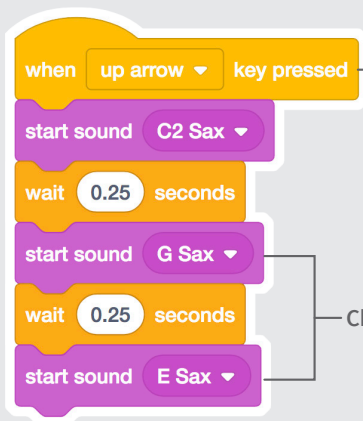
Choose **up arrow**
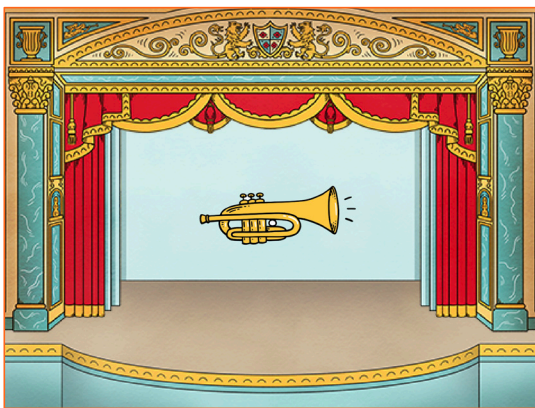(or another key).

Choose different sounds.

TRY IT

Press the **up arrow** key.

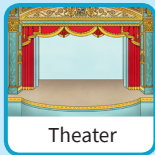# Play a Chord

**Play more than one sound
at a time to make a chord.**

Play a Chord

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GET READY

Choose a backdrop.

Theater

Choose an instrument, like Trumpet.

Trumpet

ADD THIS CODE

when down arrow ▾ key pressed

start sound F trumpet ▾

start sound A trumpet ▾

start sound C2 trumpet ▾

Choose **down arrow** (or another key).

Choose different sounds.
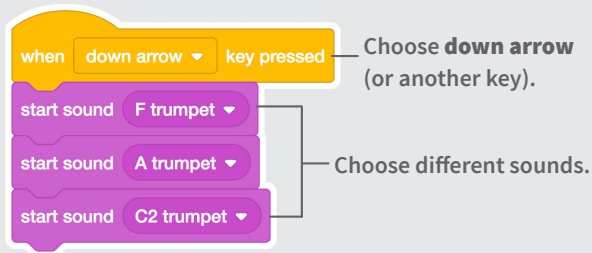
TIP

Use the start sound ▾ block to make sounds play at the same time.

Use play sound ▾ until done to play sounds one after another.

TRY IT

⬇ Press the **down arrow**

Surprise Song
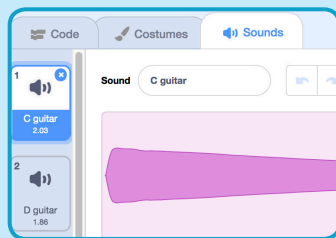
Play a random sound from a list of sounds.

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Surprise Song

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GET READY

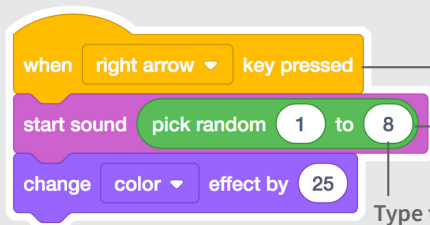Choose an instrument, like guitar.

Guitar

Sounds

Click the Sounds tab to see all the sounds for your instrument.

Code · Costumes · Sounds

Sound C guitar

C guitar 2.03

D guitar 1.86

ADD THIS CODE

Code Click the tab.

when right arrow key pressed
start sound pick random 1 to 8
change color effect by 25

Choose **right arrow**.

Insert a **pick random** block.

Type the number of sounds in your instrument.

TRY IT

Press the **right arrow** key.

Beatbox Sounds

Play a series of vocal sounds.

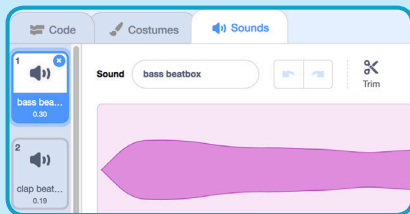SCRATCH

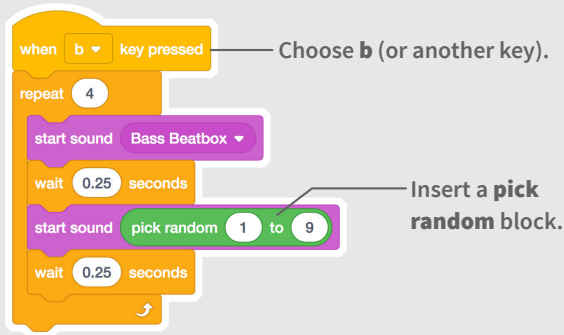# Beatbox Sounds

GET READY

Choose the
Microphone sprite.

Microphone

🔊 Sounds

Click the Sounds tab to see all the beatbox sounds.

📋 Code	Costumes	🔊 Sounds

Sound   bass beatbox

ADD THIS CODE

🌊 Code   Click the Code tab.

when [b ▾] key pressed ————— Choose **b** (or another key).

repeat 4

start sound Bass Beatbox ▾

wait 0.25 seconds

start sound pick random 1 to 9 ————— Insert a **pick random** block.

wait 0.25 seconds

TRY IT

B   Press the **B** key to start.

Record Sounds

Make your own sounds to play.

Record Sounds

GET READY

Choose a backdrop.
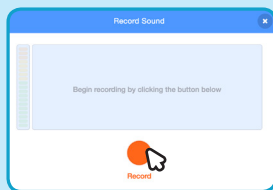
Beach Malibu

Choose any sprite.

Beachball

Click the Sounds tab.

Then choose Record from the pop-up menu.
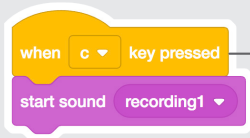
Record

Record Sound

Begin recording by clicking the button below

Record

Click the Record button to record a short sound.

ADD THIS CODE

Code **Click the Code tab.**

when c key pressed
start sound recording1

Choose c (or another key).

TRY IT

C **Press the C key to start.**

Play a Song

Add a music loop as background music.

SCRATCH

Play a Song

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GET READY

Choose a sprite, like Speaker.

Speaker

Sounds Click the Sounds tab.

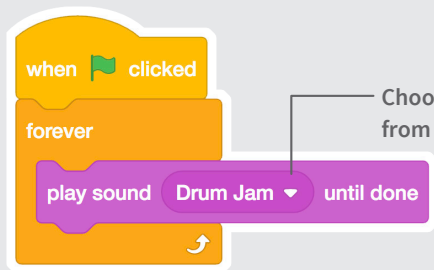Choose a sound from the Loops category, like Drum Jam.

| All | Animals | Effects | Loops |

To see just the music loops, click the **Loops** category at the top of the Sounds Library.

ADD THIS CODE

Code Click the Code tab.

```
when 🚩 clicked
forever
    play sound  Drum Jam ▼  until done
```

Choose your sound from the menu.

TRY IT

Click the green flag to start. — 🚩 🔴