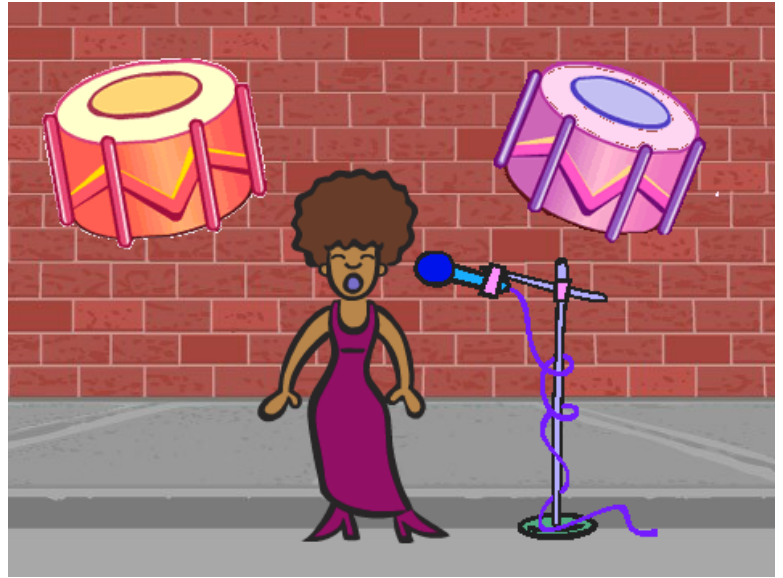


# BUILD-A-BAND

HOW CAN YOU UTILIZE SCRATCH TO CREATE SOUNDS, INSTRUMENTS, BANDS, OR STYLES OF MUSIC THAT REPRESENT THE MUSIC YOU LOVE MOST?

In this activity, you will build your own music-inspired Scratch project by pairing sprites with sounds to design interactive instruments.



## START HERE

- Create a sprite.
- Add sound blocks.
- Experiment with ways to make your instruments interactive.



Choose instruments from the sprite library or create your own.

```
when this sprite clicked
repeat 10
  play drum 6 for .2 beats
  rest for 0.2 beats
```

```
when this sprite clicked
repeat 8
  play drum 8 for .2 beats
  wait 1 secs
```

```
when this sprite clicked
repeat 10
  play drum 2 for .5 beats
  play drum 1 for .5 beats
```

## THINGS TO TRY

- Use repeat blocks to make a sound play more than once.
- Import or record your own sounds or experiment with the Sounds editor.
- Try playing with the tempo blocks to speed up or slow down the rhythm.

## FINISHED?

- + Add your project to the Build-A-Band Studio: <http://scratch.mit.edu/studios/475523>
- + Challenge yourself to do more! Invent a new instrument or record your own sounds.
- + Help a neighbor!