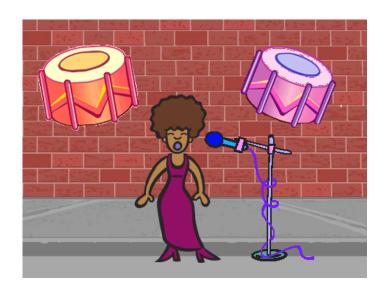
## **BUILD-A-BAND**

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 your partner!