# **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.
- ☐ Find the music blocks by clicking into the Extensions menu.
- Select "Music blocks."
- Add sound blocks.
- Experiment with ways to make your instruments interactive.

```
when this sprite clicked

repeat 10

play drum (1) Snare Drum 
for 0.25 beats

rest for 0.25 beats
```









Choose instruments from the sprite library or create your own.



# **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 Extension

- + 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!