MUSIC MAKER

In this activity, students will create music with Splats. There are two student worksheets provided. These can be completed as a class or as independent work, depending on your students' familiarity with Splats.

SPLAT DRUM

RECOMMENDED FOR LOWER ELEMENTARY

Students will create a drumset with Splats.

Go to Worksheet 1 ↗

SPLAT BAND

RECOMMENDED FOR UPPER ELEMENTARY AND MIDDLE SCHOOL

Students will modify the example game "Simple Keyboard" to create their own Splat band.

Go to Worksheet 2 ↗

OPTIONAL

This activity can be used alongside Dance Machine to create music to dance to!
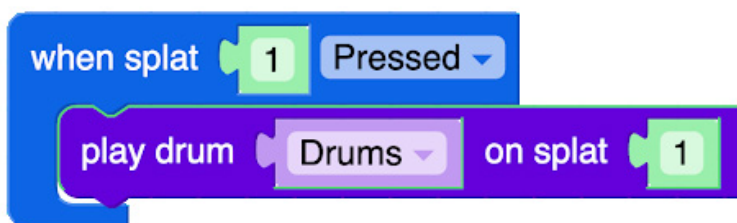
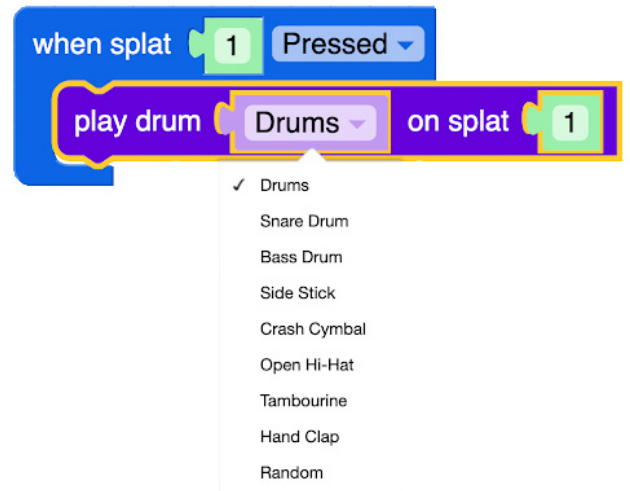Making Music with Splats

SPLAT DRUMSET

1: Create a new project.

2: How many Splats do you want to use (circle how many ⇨)

| 1 | 2 | 3 | 4 | 5 | 6 |

**3:** Drag out a **WHEN SPLAT PRESSED BLOCK** and add a **PLAY DRUM BLOCK**.

when splat `1` Pressed ▾

play drum `Drums ▾` on splat `1`

4: Choose the drum you want to play

✓ Drums
Snare Drum
Bass Drum
Side Stick
Crash Cymbal
Open Hi-Hat
Tambourine
Hand Clap
Random

5: Test your code by clicking on **SPLAT 1**

6: Add the rest of your Splat drums. Make sure to change the Splat numbers!

EXAMPLE:

7: Save your project and write the name below.

NAME OF MY PROJECT

_____

Making Music with Splats

SPLAT BAND
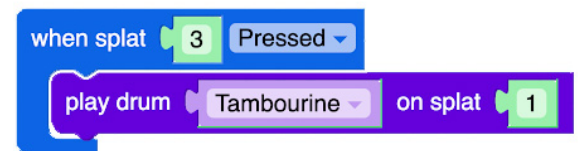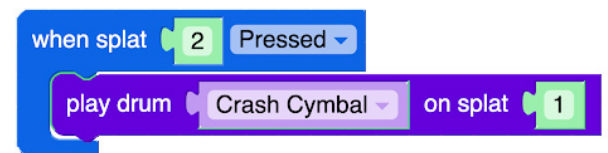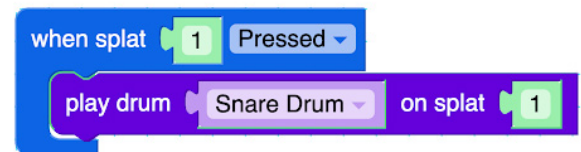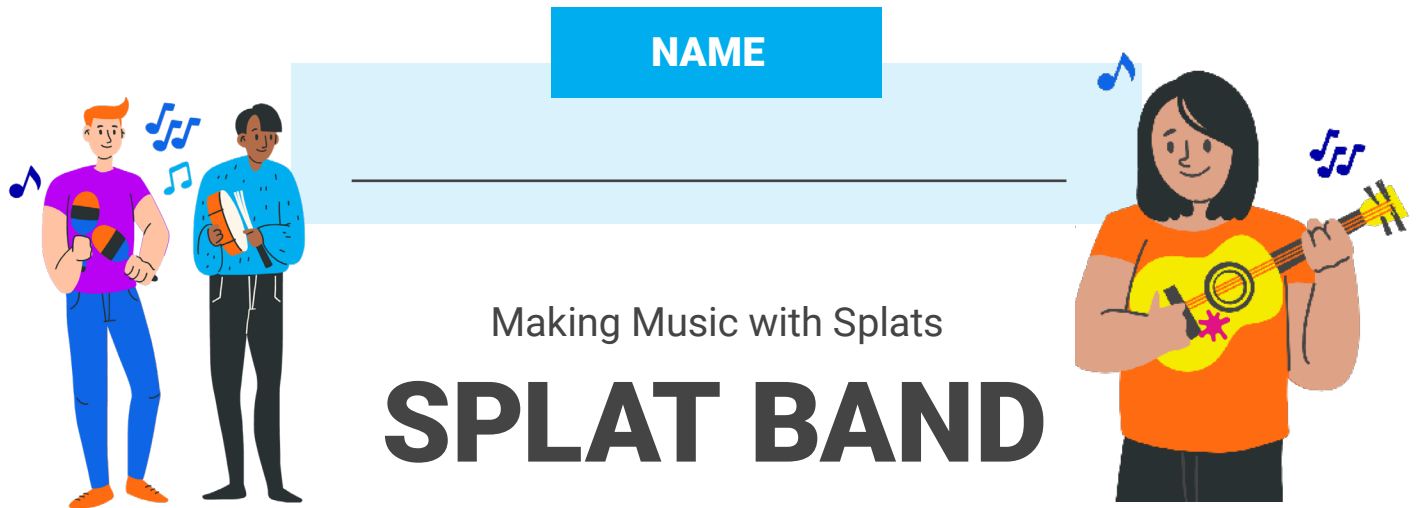
Understanding the Code

1: Open the example game **SIMPLE KEYBOARD**

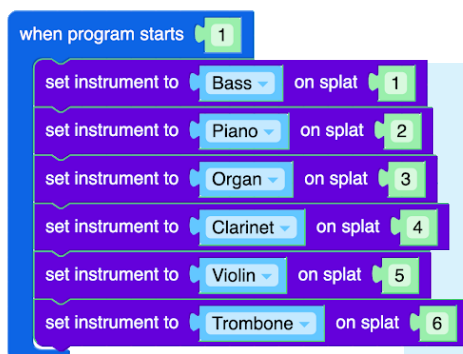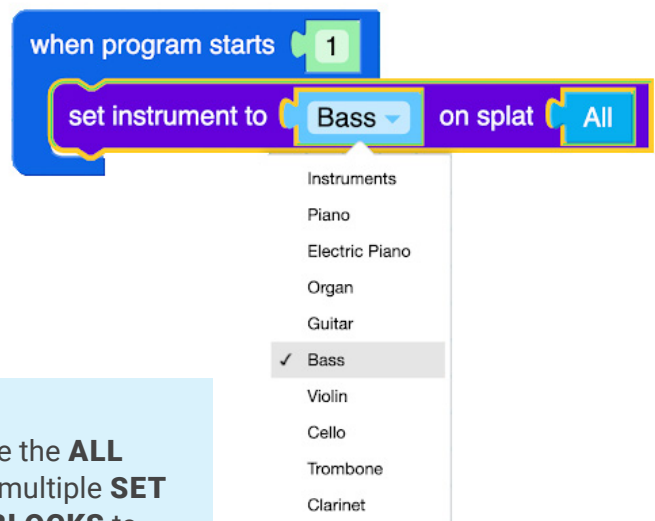**2:** Which starting block plays music? (Circle one ⇨)

> **When Splat Pressed**   **When Program Starts**

3: Which starting block sets the instrument? (Circle one ⇨)

> **When Splat Pressed**   **When Program Starts**

Modifying the Code

Change the instrument using the **SET INSTRUMENT BLOCK**

Optional: Remove the **ALL BLOCK** and use multiple **SET INSTRUMENT BLOCKS** to set Splats to different Instruments
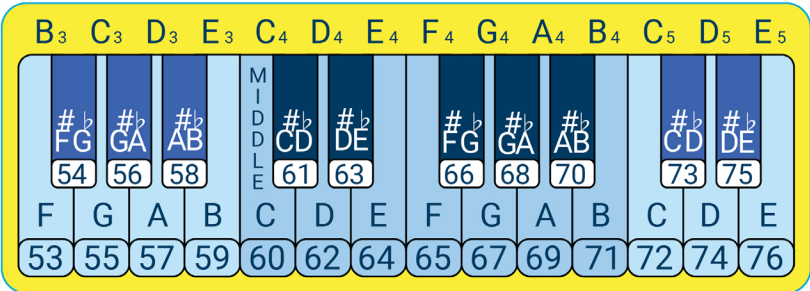
Change the notes by changing the number in the **PLAY NOTE** and **TURN OFF NOTE BLOCKS**. Make sure this number matches!

These blocks use a system called **MIDI** to assign each note a number.

Optional: Replace the MIDI number with the **PITCH BLOCK** instead.

Create Your Own Song

Modify the instruments and notes create your own Splat band!

Save Your Creation

Save your project and write the name below.

NAME OF MY PROJECT