



1 - Games

Added libraries:



Tone



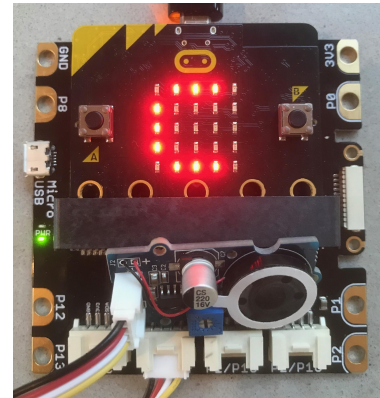
NeoPixel

This game lets you create and play short tunes. Select piano keys as letters with button A (where _ is a rest). Store them using button B, then press A+B to play the list of notes as a tune. Shake to reset.

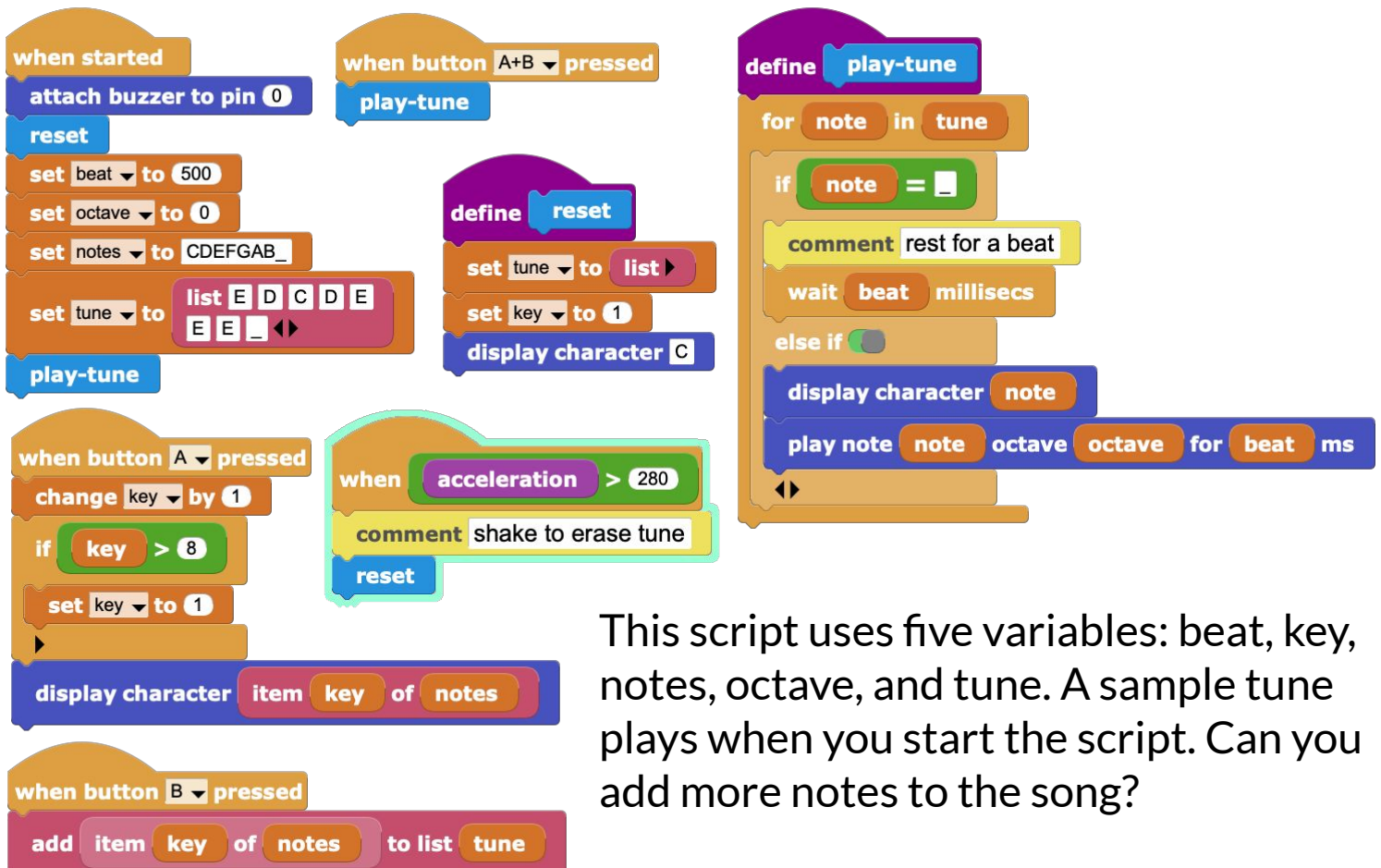


→
Select
note

Attach any piezo
or speaker.



←
Store
note



This script uses five variables: beat, key, notes, octave, and tune. A sample tune plays when you start the script. Can you add more notes to the song?



2 - Simon

From File => Open, in the Games folder, load “Simon (Circuit Playground Express)”.

Rock-paper-scissors - snake.ubp
Simon (Circuit Playground Express).ubp
Simon (ED1).ubp
Simon (microbit).ubp

when started

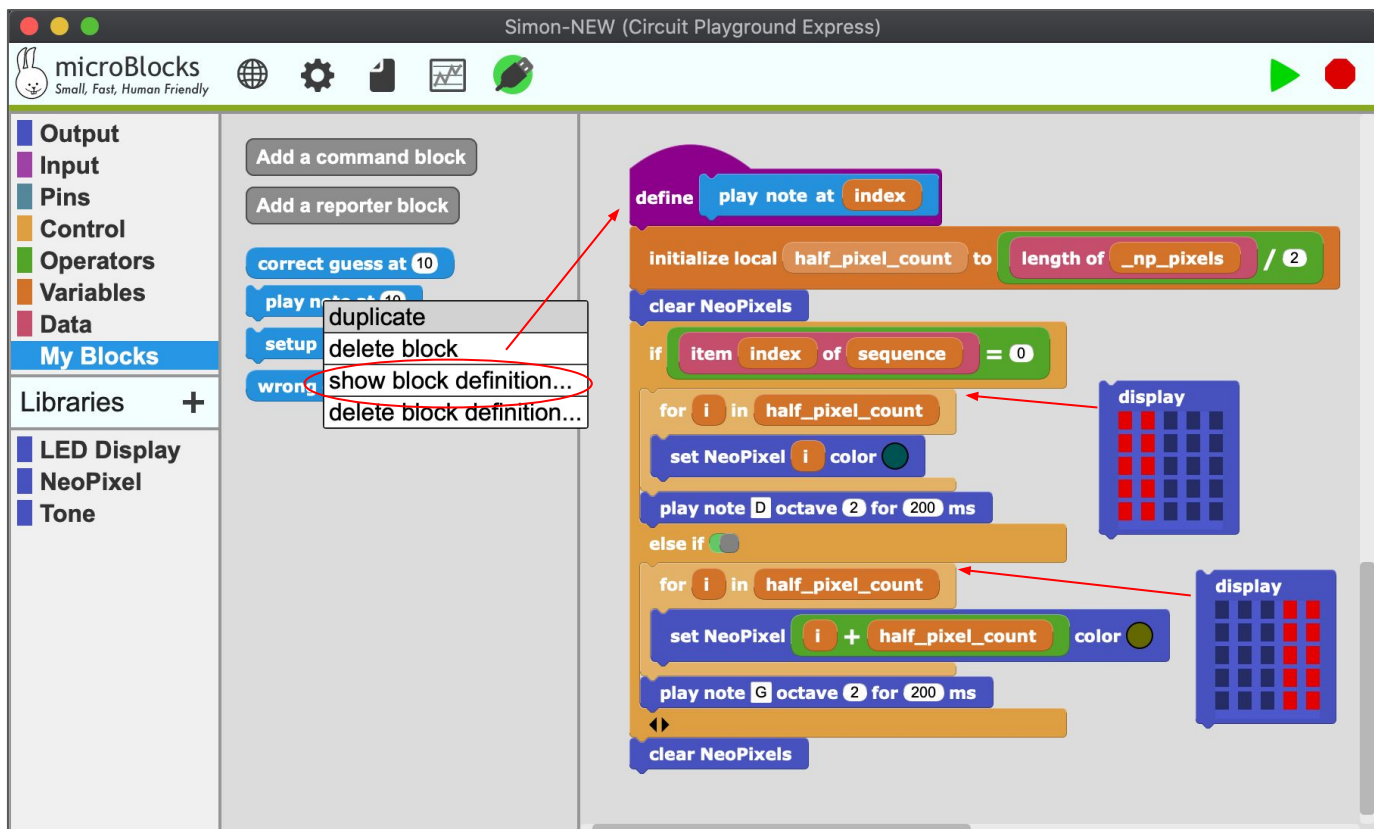
attach buzzer to pin 0

attach 10 LED NeoPixel strip to pin 15 ▶

broadcast go!

Add “attach buzzer” and update “attach NeoPixel” (optional) to use the correct pins. Then start the script and get ready to play!

To customize it further, edit the “play note at” function. Because it is hidden by default, right-click and select “show block definition...”. Put display blocks into each “if” branch (another clue). Also, see if you can add a happy face on the LED Display to show when you win!



Challenge: Try modifying other example games to add music and colorful LEDs to the fun.