

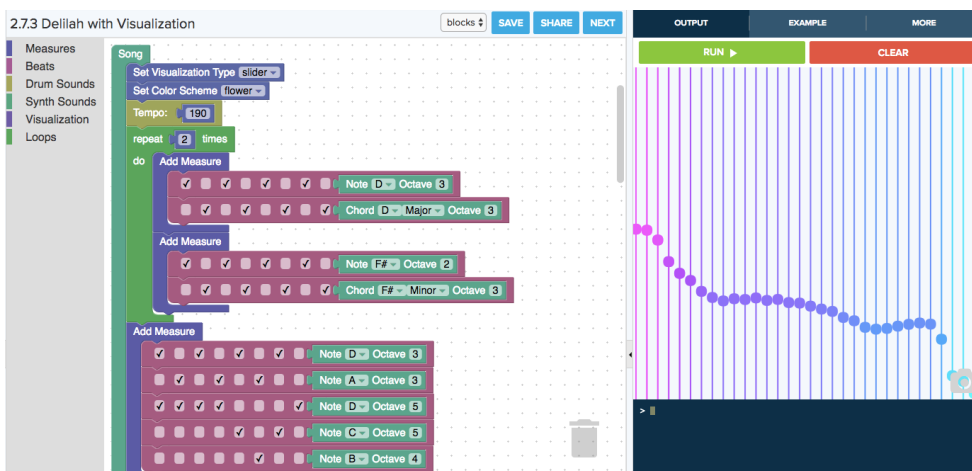
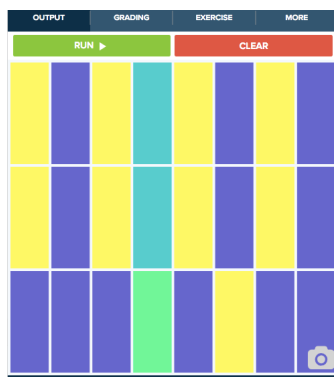


CodeHS

Coding + Music

Overview

Coding + Music is a mini-course that introduces students to the basics of coding through music! In this block-coding course, students investigate how code can be used to create and enhance music by building programs that generate beat patterns, chord progressions, and musical sequences with visualizations.



Who is it for?

Coding + Music mini-course can be taught as a standalone course or alongside one of our other computer science courses. This course is designed to be an exploratory course that introduces students to coding.

What do you learn?



Students are introduced to the JavaScript block coding environment. They learn how to write a program that plays their own 8 count beat pattern.



Students will learn how to add chords, notes, and visualizations to their songs. For a final project, students create a full-length song with music visualization.