Embedded project:

Speaker pin: 9

Uses a library called Mozzi to generate actual tones with the buzzer

Go to Arduino -> Tools -> Add Library and it should show up ready to download and add Mozzi

The current file uses a table of values and plays it at a specified rate

char2mozzi.py encodes music files as these tables as .h files that we can import

You can’t use analogRead/analogWrite with Mozzi. You have to use mozziAnalogRead/mozziAnalogWrite

Things to do:

Use op-amp for gain for louder music

Sample or construct trumpet tones

Arduino: 1.8.5 (Windows 8.1), Board: "Arduino/Genuino Uno"