

BYTES AND BEATS

Handout

Using the Music Mixer App

Select lead and percussion instrument from the dropdowns

Waveform plots of instrument sounds

Set song tempo

Loop song

Play individual instruments or all instruments at once

Select beats for percussion instruments to play on

Select desired note or rest (%) from the dropdowns

Music Mixer

The interface includes a waveform plot at the top showing instrument sounds. Below it is a tempo slider and a 'Play' button. The main section contains dropdowns for Lead Instrument (clarinet), First Percussion (cowbell), Second Percussion (bass drum), and Third Percussion (sizzle cymbal). A beat grid shows 8 beats with notes (B4, A4, G4, %, B4, A4, G4, %) and checkboxes for percussion. A 'Play All Instruments' button and a 'Save Song to MP3' button are at the bottom. A 'Loops' counter is set to 1.

	Beat 1	Beat 2	Beat 3	Beat 4	Beat 5	Beat 6	Beat 7	Beat 8
Lead Instrument	B4	A4	G4	%	B4	A4	G4	%
First Percussion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Second Percussion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Third Percussion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Tempo: [Slider]
Lead Instrument: clarinet
First Percussion: cowbell
Second Percussion: bass drum
Third Percussion: sizzle cymbal
Loops: 1
Play All Instruments
Save Song to MP3