

# Singing Practice Design

## Intro to Singing and Music Sensing

Number of Sessions	12
Duration of Each Session	60min
Size	Group/Private
Age	5 and above
Previous Experience	No experience required
Equipment	Cellphone with app store(not necessary)

Time arrangement for a typical one-hour session	Content
10min	Vocal Practice
20min	SightSinging practice Multi-voice singing practice Reading staff Basic music theory
30min	Group singing / Solo  four songs we are going to sing : 1. Chorus children's song (staff) 2. Muti-voice song (staff) 3. A Non-English song (app) 4. The song your kids like (app)

## Electronic Music Practice Design

# Intro to Music Programming Technology

Number of Sessions	12
Duration of Each Session	90 min
Size	about 5 ~ 10 students
Age	10 and above
Previous Experience	It's good to know some basic knowledge of music fundamentals (rhythm, pitch, basic notation). And we can teach you based on your experience.
Equipment	Computer, Chrome browser, Google account

Arrangement	
<b>Session 1</b>	Intro to Python, basic functions Know each instruments in TunePad
<b>Session 2</b>	Bass & Synth & Marimba Scales and Keys Variables and Loops
<b>Session 3</b>	Intervals Defining functions
<b>Session 4</b>	Catch up  ~ <b>Electronic Music Ensemble</b> ~
<b>Session 5</b>	Chords Numbers and lists
<b>Session 6</b>	Sequencer Chord Progression Strings, booleans and conditionals
<b>Session 7</b>	~ <b>Midterm Concert</b> ~
<b>Session 8</b>	Sampler Audio Effects
<b>Session 9</b>	Frequency Filter
<b>Session 10</b>	Wavetables MIDI Effects
<b>Session 11</b>	Catchup Debug Introduction to music production and technology industry
<b>Session 12</b>	~ <b>Final Concert</b> ~

# Launchpad Performance Design

## Intro to Launchpad Performance

Number of Sessions	12
Duration of Each Session	60 min
Size	about 5 ~ 10 students
Age	8 and above
Previous Experience	No experience required
Equipment	Computer, Launchpad MK3 Mini, Google account

Arrangement	
Session 1	On boarding:  Download and install required files Know you launchpad Get your finger moving
Session 2	Intro to Ableton
Session 3	Work with Drum Rack:  What is rhythm and timing? Explore a standard Drum Kit Program your beat
Session 4	Refine our drum rack Overdub recording Mixing
Session 5	Melody and harmony I:  Basic music theory pitch, notes, intervals and scales
Session 6	Melody and harmony II:  More chords and baseline Quantization
Session 7	~ <b>Midterm Concert</b> ~
Session 8	Novation Components User page and mapping
Session 9	Samples and warping
Session 10	MIDI and audio effects
Session 11	Lighting control
Session 12	~ <b>Final Concert</b> ~