

Field Trip # 20

Developed by:

Subject:

Short description:

Educational Level:

Field trip type:

Educational

Outcomes:

Notes to instructor:

Creating Simple Music

Keith Lynn

Creating MIDI sounds with Java

The students will learn to create simple midi sounds using the javax.sound.midi package

7th – 12th Grade

Lecture with activity

The student will be able to:

- Create a Sequencer object to be able to play sounds
- Create a Sequence object
- Create a Track containing a list of MidiEvents
- Create MidiEvents to play a note

Students will use the javax.sound.midi package to create simple midi sounds that can be used to simulate music. It is recommended that Eclipse with Java EE be installed on the machines because it will have the correct package installed. Sample programs can be found in Head First Java.