Out of the Garage and into the Classroom

Thomas Rudolph
Email: trudolph@aol.com
www.tomrudolph.com
Haverford School District
1801 Darby Road
Havertown, PA 19083
610-853-5900 ext. 5452

Software Titles

Demonstrated in this session:
GarageBand3 - Mac (part of iLife series)
www.apple.com/garageband

All lessons and applications can be done on a Windows computer using:
Acid Music Studio
www.sonymediasoftware.com
Sonar Home Studio www.cakewalk.com

GarageBand = Recording Studio
GarageBand Options

1. MIDI Keyboard
   USB or MIDI interface

2. Digital Audio Recording
   Requires an audio interface and microphone
   - Griffin iMic ($39.00)
   - M-Audio Interfaces ($200)

GarageBand Components

1. Software Instruments (MIDI)
2. Real Instruments (Audio)
3. Apple Loops
4. Audio Plug-ins / Effects

Classroom Applications

Students can:
Create original arrangements and composition
   Are You Sleeping composition (T. Rudolph-SoundTree)
Manipulate digital audio and experiment with effects.
   Funky Fables (T. Lai-Apple Site)
Use as a song writing tool
   Creating Recorder Accompaniments (D. Shaefer-Apple Site)
Improvisation
   Jammin’ The Blues (B. Bauer-Apple site)
Classroom Applications

Students can:
Create soundscapes to accompany stories
   Hey, Look What I Hear (J. Danielson-Apple Site)
Create music history projects
   Audio History (M. Fein - SoundTree)

Teachers can:
Create accompaniments for classroom and rehearsal
   Music Book Accompaniment (B. Bauer - Apple)
Record individual and group performances
   (will need a high-quality audio interface from M-Audio $250)

GarageBand Disadvantages

1. Does not create MIDI files. GB does not read MIDI files GB2 does.
2. Is extremely CPU-intensive (you need a newer Mac)
3. Requires a DVD drive for installation

Resources

Web Links:
http://www.apple.com/education/garageband/lesson_plans/
http://www.soundtree.com (click on: Teaching Resources)
http://www.madjams.com/

Books:
GarageBand: The Missing Manual by David Pogue
Apple Training Series:GarageBand by Mary Plummer
GarageBand for Mac OS X: Visual QuickStart Guide (Visual Quickstart Guides) by Victor Gavenda