

## Out of the Garage and into the Classroom

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## Software Titles

Demonstrated in this session:

GarageBand3 - Mac (part of iLife series)  
[www.apple.com/garageband](http://www.apple.com/garageband)

All lessons and applications can be done on a Windows computer using:

Acid Music Studio  
[www.sonymediasoftware.com](http://www.sonymediasoftware.com)  
or  
Sonar Home Studio [www.cakewalk.com](http://www.cakewalk.com)

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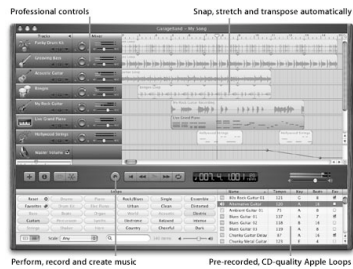
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## GarageBand = Recording Studio



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## 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)



iMic adapter

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## GarageBand Components

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

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## 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. Shaeffer-Apple Site)
- Improvisation  
Jammin' The Blues (B. Bauer-Apple site)

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## 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)



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## 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

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## Resources

### Web Links:

[http://www.apple.com/education/garageband/lesson\\_plans/](http://www.apple.com/education/garageband/lesson_plans/)

<http://www.soundtree.com> (click on: Teaching Resources)

<http://www.macjams.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

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