



Delivering Learning Results Using Technology, Without the Frustration.

- Chuck Johnson, Mindware Music Inc./ePiano

"There's so many new things happening everyday in technology - it would be a full time job just to know half of what's going on".



New hardware, software, and communications technologies.

- Maze of new stuff, what might be useful in the school?
- 2005 Study of who's doing with music education technology at www.makepages.com/memt/



What's up in Hardware?



Computer News

- **Storage: Cheaper all the time:**
 - Not cheap: 32GB Flash Drives etc., 4GB for SD card.
- **PC:**
 - Vista - beware of sound drivers
 - XP - still on sale for a year - supported for at least 5 yrs,
- **Mac:**
 - Intel
 - Run Windows on Macs
 - *Boot Camp*
 - *Parallels*

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Keyboards:

- **Controllers**
 - M-Audio, Behringer, CME, Edirol
 - Controllers w/ more features
- **Digital Pianos**
 - Still not ideal for computer integration
- **Acoustic Piano & MIDI**
 - Integrate MIDI with the Acoustic Piano
 - *QRS: PNO Sync*
www.qrsmusic.com/pianomation-p.asp?pid=3387
 - *Moog Piano Bar*
https://www.moogmusic.com/detail.php?main_product_id=71

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Interfaces/Accessories: Dual of the Handhelds:



- **Zoom H4**
 - *4 Tracks, SD Card, Acts as Audio Interface*
 - <http://www.samsontech.com/products/productpage.cfm?prodID=1901&brandID=4>
 - *Street price approx \$300*



- **Edirol R-09**
 - *Easier to use?, better reviews, fewer features, more \$\$*
 - <http://www.edirol.com/>
 - *Street price approx \$400*

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What's up in Software

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Sound Generation – Soft Synthesis:

- **Soft Synthesis:**
 - See Virtual Instruments Magazine
- **In Soft Synthesis is General MIDI AWOL?**
 - Vsampler
 - Muse from Sonivox
 - Band Stand from Native Instruments

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Computer Aided Instruction (CAI)

- **Smart Music** [Smart Music Diagram](#)
- **Home Concert Extreme**
 - Interactive MIDI tool
 - Proving itself at Lowell High School
- **Music Ace**
 - Maestro version provides class management features.

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Recording/Sequencing:

- **Notation:**

- Sibelius now part of Avid/Digidesign
- Finale - Free

- **Sequencing:**

- Cakewalk - new Sonar, Music Creator 3 is great value.
- M-Audio - Session - billed as the Garage Band for PC?

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Band in a Box 2007: WOW!

- **Two BIG new features:**

- Chord Transcription from CD/mp3
- Real Drums instead of MIDI drums.

- **Demo Link: [Link to File](#)**



- **Better training/orientation for this hefty program:**

- www.pgmusic.com/bbdemovideos.htm

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New Communications Tools:

- **Software-based Lab Controllers**

- Language Labs use - why can't we?
- Share Screen images, send files.

- **Online Supplementary Instruction:**

- Workshop Live - Online lesson delivery based on learning style.

- **Podcasts for Learning/Sharing**

- www.twit.tv

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Questions?

- Further resources and materials at www.epiano.com

**Thanks for joining us.
Enjoy!**

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