Music Through Technology: Music Education for the Future

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CMS 2008
Music technology offers the opportunity to establish a new strand of music classes in middle and high schools.
Overview

- Purposes
- Why tech?
- Current status
- Framework
- Next steps
Purposes

• Reach the ‘other 80%’
  • Non-traditional music students
Purposes

• Develop musical citizenship
  • Engage in our culture
Best Buy

• Musical citizenship
  ▫ Able to shop in each aisle?
  ▫ Able to make discerning judgments?
Why Technology Based Music Classes?

- **Flexibility**
  - Individualize instruction
    - Multiple software environments
    - Scaffolding
  - Content
    - Style
    - Modes of musicianship
Why Technology Based Music Classes

• Empowering
  ▫ Active learning
  ▫ Greater control over sound

• Technology ‘enthusiasm’
  ▫ Popular support
TECH ON THE TURNPIKE

- Established trend
- Rugged Technologists
- Stand alone courses
- Non-traditional students
Suggested Framework

• Deepen then broaden
  ▫ **Deepen: Familiar styles (entertainment)**
    • explore musical intuitions
  ▫ **Broaden: Less familiar (art)**
    • relating back to the familiar
Suggested Framework

• Primary goal: Developing listenership
  ▫ Creating
  ▫ Analyzing
  ▫ Active exploration
  ▫ Performing
Suggested Framework

- Individualized projects
  - by musical mode (creator, listener, performer)
  - by musical background
  - by musical skills
  - by learning style
  - by interest
Suggested Framework

• Music before technology
  ▫ Limit ‘teaching the program’
Moving Forward

- **Tech Support**
  - For music teachers with ‘average’ music tech skills
  - For technology coordinators (non-musicians)
- **Teacher Education**
  - Belief in ‘reaching the other 80%’
  - Raise confidence in music technology skills
- **Research**
  - Student identity
  - Efficacy of TBMC
  - Separating environment from student cognition