

Music Through Technology: Music Education for the Future

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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