

NYU

Sharing Our Success May 2008

Sign Me to A Chemical Label
Using Hip Hop to Teach and Learn
Chemistry in High School

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Context of Study

- About Mr. Makarious
- Teaching at Brandywine High School
- Suburban & Urban
- Conceptual Chemistry Class
- Inclusion Class

Conducting The Research

- Cultural Sociology & Sociology of Emotions
- Co-Teaching
- Video analysis
- Interview
- Conversational analysis

Hip-hop Chemistry



John talking over the class



Ms. Speechley really enjoy it

Hip-Hop Chemistry



Class clapping and celebrating John's Presentation



" Sign that boy to a chemical label"

Implications

- 1) Nader, John and the other students enact interstitial culture characterized by mechanical and emotional solidarity to create success and fluency in teaching and learning of chemistry.
- 2) Hip Hop can be used as a resource that helps to sustain positive emotional energy and solidarity in order to create success in teaching and learning of chemistry.

<http://www.sas.upenn.edu/~nader/naderAuto-ethnography.htm>