

Nex+Gen Academy High School

“The next generation in learning”



A Demonstration Site
in the New Tech Network

Founded November 2008

- Built from the vision of our business leaders and community in collaboration with APS leadership

A school of choice that develops successful life long learners and leaders successful in college and career.

- A Laboratory / Showcase School



Our Specific Vision for 21st Century Learning

- A student centered, constructivist teaching and learning system.
- Smart use of technology developing those skills necessary for deeper, creative, and collaborative learning.
- A learning community, both culturally and physically, that supports student engagement and academic achievement.



Building Our Vision

- Partnership with New Tech Network with fidelity to the model
- Partnership with technology leaders Intel, Sandia National Labs, Dell, Promethean, Adobe, Google, TIG
- Research into best practices and collaborating with our architectural designers



Our Unique Learning Environment

- Learning Studios with no doors
- Digital Media Cart
- Robust/reliable wireless
- Robust Dell Laptops with Depot repair, Backup batteries, and no cords
- Learner Collaboration Spaces
- Facilitator Collaboration Spaces
- Commons Areas for extended learning



What the Results Look Like Today

- A unique, effective learning community
- Career readiness: 90% of current 11th & 12th learners completing mentorship and year long academic inquiry/ Senior Project
- 98% attendance rate
- 75% of seniors successfully completed Dual Credit coursework



What the Results Look Like Today

- Reading: District Proficient: 54% - nex+Gen: **72%**
- Reading: District Hispanic Students Proficient or Advanced: 54% - nex+Gen: **74**
- District Juniors Proficient or Advanced in Math: 43 - nex+Gen: **56**
- District Economically Disadvantaged Students Proficient or Advanced in Reading: 47 - nex+Gen: **68**
- nex+Gen Students that Increased Scale Score from SY12 to SY13: **83%** - an average *increase* of over **6%age points**



“What Does Project-Based Learning Really Look Like?” by Ellen Ullman, Intel Education

Website:

<http://www.k12blueprint.com/>

nex+Gen Academy 1:1 Computing Part 1 - Footage taken August 23, 2010, produced by
Dell Computers

[http://www.youtube.com/watch?](http://www.youtube.com/watch?v=AWktyVLDxi8&feature=share&list=UUsIyg6tftpTmIZR7jBSZO_BQ)

[v=AWktyVLDxi8&feature=share&list=UUsIyg6tftpTmIZR7jBSZO_BQ](http://www.youtube.com/watch?v=AWktyVLDxi8&feature=share&list=UUsIyg6tftpTmIZR7jBSZO_BQ)

Footage taken January 2011

[http://www.youtube.com/watch?](http://www.youtube.com/watch?v=Bb4QMYlnZL0&feature=share&list=UUsIyg6tftpTmIZR7jBSZO_BQ)

[v=Bb4QMYlnZL0&feature=share&list=UUsIyg6tftpTmIZR7jBSZO_BQ](http://www.youtube.com/watch?v=Bb4QMYlnZL0&feature=share&list=UUsIyg6tftpTmIZR7jBSZO_BQ)



Our New Tech Network Partnership Continues ...

- National professional development and training
- Leadership Development
- Best practices from schools in Network
- Customized Learning Management System
- On-Site Sustainability with NTN certified trainers and teachers



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