

21st Century Mobile Learning



Dr. Jared Cotton, Superintendent
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What We Were/Are

- World's leading manufacturer of fleece, furniture
- Home-grown companies
 - Martinsville Speedway
- In 1990 we had 42,560 jobs filled in M-HC
- In 2011 that number was 24,156 (-43%)
- M-HC current population 67,972 (peaked +/- 75,000 late '80s)
- Cost of living (ACCRA scale) 84.9% – San Francisco 162.9%
- Significant unemployment/under-employment
- We need citizens with 21st-century skills



What We Are/Will Be

- Advanced Manufacturing
 - RTI
 - Commonwealth Laminating
- Back-Office
 - ICF
 - CDC/Federal contracts
- Outdoors
 - Smith River/Philpott and Smith Mountain lakes



The Challenge

- How do we create the schools and learning environments that our students deserve?
- How do we prepare our students for more than a test at the end of the school year?
- How do we ensure that all students in HCPS are successful?



Vision Henry County Public Schools where critical thinking is expected, creativity is nurtured, technology and innovation are embraced, and learning is celebrated.

Mission Henry County Public Schools, a high-performing school division, provides all students with an exemplary education in a safe, supportive environment that promotes self-discipline, motivation, and excellence.

HCPS Strategies

1. High Quality Instruction

Henry County Public Schools will produce globally competitive students.

2. High Quality Professionals

Henry County Public Schools will be directed by 21st century professionals.

3. Safe and Orderly Schools

Henry County Public Schools' students will be healthy, responsible, and engaged in positive relationships.

4. Innovative and Cutting-Edge Technology

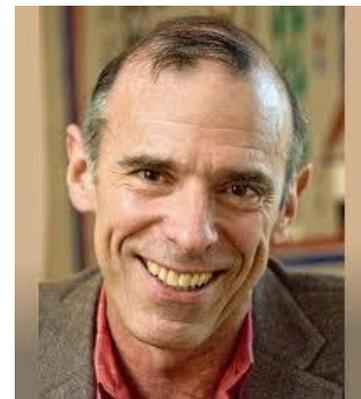
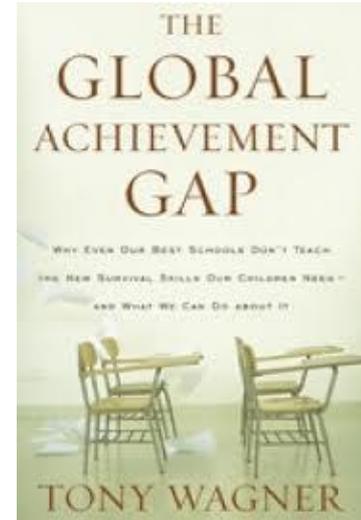
Henry County Public Schools will encourage the application of technology to enhance instruction and promote innovation.

5. Family and Community Engagement

Henry County Public Schools will engage families and the community to ensure open communication and opportunities for student success.

What skills do students need to be successful?

- Critical thinking and Problem Solving
- Collaboration and Leadership
- Agility and Adaptability
- Initiative and Entrepreneurialism
- Effective Oral and Written Communication
- Accessing and Analyzing Information
- Curiosity and Imagination



Tony Wagner

The 4 C's

- Critical Thinking and Problem Solving
- Effective Communication
- Collaboration and Teamwork
- Creativity and Innovation





New Tech Network

Profile of an NTN Graduate...



THINK
critically



COMMUNICATE
effectively



WORK
collaboratively



LEARN
how to learn...

...through mastery of rigorous academic content



Project Based Learning



The Driving Question



Need to Knows



Activities



Assessments



Workshops



Presentations



Peer Review



New Tech Network

15 years of evolving principles centered on:

- Culture that Empowers
- Teaching that Engages
- Technology that Enables

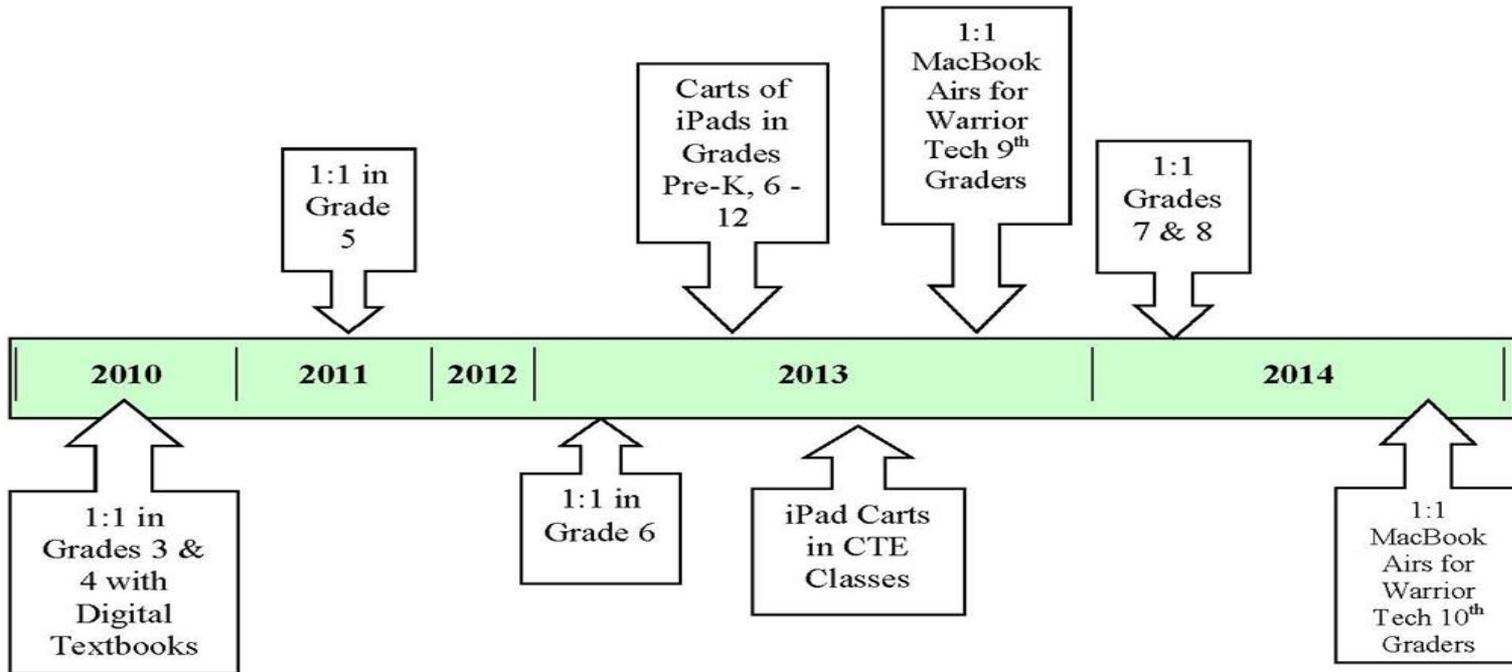
The image shows the exterior of a modern school building. The building has a prominent orange-brown facade on the left side, where the words "NEW TECHNOLOGY HIGH SCHOOL" are mounted in large, raised, silver-colored letters. To the right, there is a white overhang or entrance canopy supported by wooden beams. The sky is a clear, bright blue.

NEW TECHNOLOGY
HIGH SCHOOL

iPad Initiative



Timeline





Implement BYOT at other high school

Begin 1:1 laptop initiative in high schools



Deployment Challenges



Implementation & Deployment

- Professional Development
- Parent Training
- Network
- Stakeholders (Community, School Board, Board of Supervisors)

Parent Survey





Have you used apps on your child's iPad?



60%



Have you looked at a textbook on your child's iPad?

40%

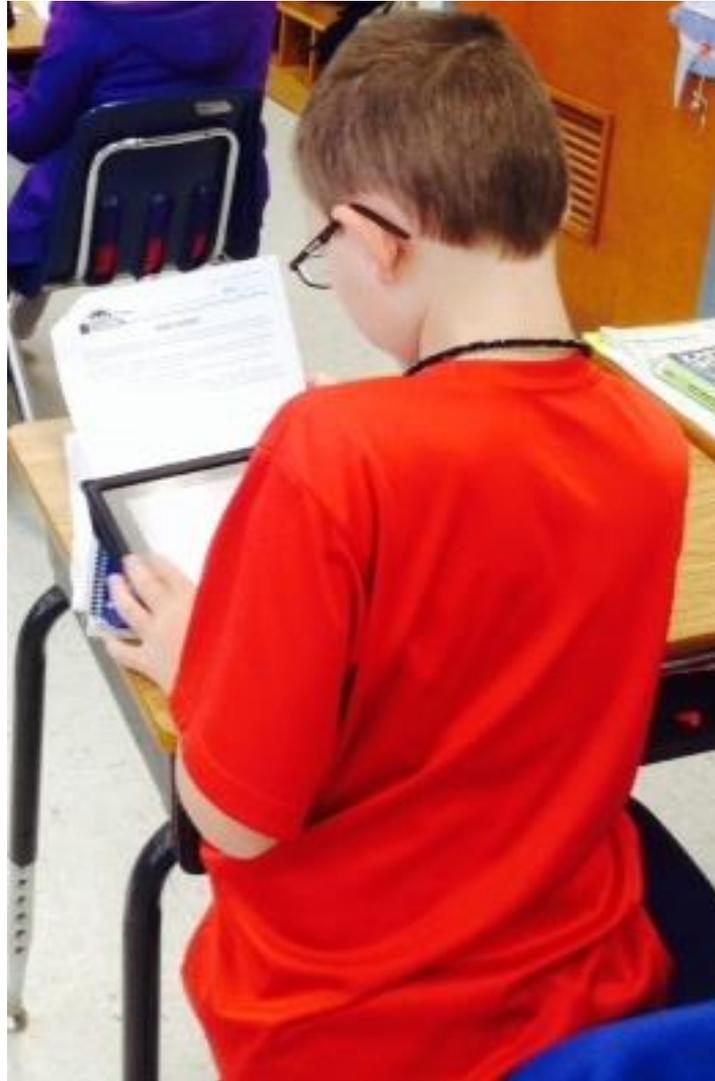
Is your child more or less excited about having digital textbooks on the iPad instead of printed textbooks?



85%

13%

70%



25%

Is your child more likely to complete homework when it is on the iPad?

Parent Feedback



My student recognizes how useful it is

We think books on the iPad is great

Book bags are not as heavy

Good addition to study habits

Find my child studying more frequently

Makes my child more motivated and more engaged

We need an option to buy the iPad

Expand to middle school

Parent needs training on textbook

Technology has ruined “old-school”-students do not know how to plant a garden, etc.