



Public Schools of North Carolina

Career-Ready Commission

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June S. Atkinson, Ed.D.
State Superintendent of Public Instruction
State of North Carolina



Agenda

- Briefing Papers
- Overview of Redesign Models
- Onslow County CTP Model
- Apex High AOIT Model
- NC New Schools Project
- Presentation Summary
- Policy Implications



Briefing Papers



Takeaways





Briefing Papers

- What are 2-3 observations you made about the briefing papers that were a surprise, affirmation, ah-hah, or myth buster?
- What are some promising practices that the briefing papers support?
- What are some questions you still have about the briefing papers?



NC High Schools

- **# of High Schools (9-12):**
479
- **# of High School Students:**
426,479



Highland School of Technology

What is Different?

- Organized by career clusters
- 11+ month contract for each teacher
- Three caring adults assigned to each student
- Business mentors
- Work experience such as internships



Highland School of Technology

Academies

- Communication and IT
- Health Science and Biotechnology
- Manufacturing and Engineering



Proficiency Rates

- 2000-01: 84.1%
- 2001-02: 90.6%
- 2002-03: 88.5%
- 2003-04: 89.1%
- 2004-05: 92.1%
- 2005-06: 91.1%
- 2006-07: 86.1%
- 2007-08: 91.0%



Highland School of Technology

Graduation Rate

- 2006 – 100%
- 2007 – 97%
- 2008 – 100%



Highland School of Technology

2007-08 Advanced Placement

- Chemistry – 100%
- English Language – 88%
- English Literature – 100%
- US History – 90%



Highland School of Technology

2008 Continuing Postsecondary Education

- 64% four-year college/university
- 34% community college/technical school



Central Academy of Technology and Arts

What is Different?

- Smaller learning communities organized around career academies
- Interdisciplinary planning and teaching
- Career and academic counseling looped
- Rigorous career and technical education programming



Central Academy of Technology and Arts

Career Academies

- Regional labor market sector needs
 - Pre-engineering
 - Information systems
 - Medical sciences
 - Teacher preparation
 - Transportation
 - Performing arts
- Tailored four-year program with multiple focused pathways (10)



Central Academy of Technology and Arts

Features: Curriculum & Instruction Design

- Academic and technical teachers team to integrate curriculum
- “Hands-on”, project based, simulations methodologies
- Learning and problem-solving in teams
- Performance-based assessments
- Business and Industry partnerships
- Licensing and credential possibilities
- Internships, shadowing, mentorships
- Articulated credits, dual enrollment, advanced placement
- Technology in all classrooms



Central Academy of Technology and Arts

Features: Student Support

- Advisor-Advisee relationships
(Teachers 'loop' the same students for all four years)
- Community atmosphere
(teachers, counselors, business partners)
- Career and academic counseling, same counseling team all four years



Central Academy of Technology and Arts

First Graduating Class - 2009

- 127 graduates
- 97% graduation rate
- 97% attendance
- 95% going to postsecondary education
 - 56% four-year college/university
 - 39% community college/technical school

Law & Policy Implications





Presentations

- What are 2-3 observations you made in the presentations that were a surprise, affirmation, ah-hah, or myth buster?
- What are some promising practices that the presentations support?
- What are some questions you still have about the presentations?



Public Schools of North Carolina

Next Meeting

Commission Website

www.ncpublicschools.org/statesuperintendent/office/commissions