



State of North
Carolina
Office of the
Governor
Bev Perdue

eLEARNINGNC
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Presentation to the Digital Learning Environments Committee

Senator Dan Soucek, Co-Chair
Representative D. Craig Horn, Co-Chair



Friday Institute
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North Carolina
Virtual Public School



THE WILLIAM & IDA
FRIDAY INSTITUTE
FOR EDUCATIONAL INNOVATION



PUBLIC SCHOOLS OF NORTH CAROLINA
State Board of Education
Department of Public Instruction

2005

The Business Education Technology Alliance chaired by Lt. Governor Bev Perdue was created and developed a plan for implementing technology for P20 education in NC.

Vision: “Put technology in the hands of every student so that the learning is customized or personalized to his or her needs and they actively take ownership of their own learning.”



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2006– 2007

- Developed the NC Virtual Public School to provide learning options for all students no matter their zipcode 24/7.
- Feasibility Study for connectivity in K12 schools
- Strategic development of a technology infrastructure (NCREN) that provides the connectivity and networking services necessary to support and sustain digital learning P20.



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2008

- Expanded the School Connectivity Initiative SCI by \$10M for a total of \$22M to complete the implementation of the SCI increase schools' abilities to use up-to-date instructional technology.
- The General Assembly directed the State Board of Education to implement an allotment formula for NCVPS effective in the 2009-2010 fiscal year.



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2009–2012

- The General Assembly continues to hold harmless funding for the School Connectivity Initiative.

Key Pt. The investment by the state is leveraged for e-rate reimbursement back to the LEAs which has increased from \$24M in 2007 to over \$120M in 2012. These funds are used by the LEAs to upgrade their internal infrastructures and hardware.



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2009–2012

- The General Assembly modified the NCVPS funding formula to one that was more predictable for LEAs since the formula instituted in 2009 was not a formula based on use by LEAs. NCVPS prior to 2009 was funded from other sources of funds that did not take from the LEAs.

Key Pt. The General Assembly modified the language for NCVPS so that it can market its courses to other states, private school students and home school students.



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2009–2012

- The General Assembly passed the North Carolina Longitudinal Data System An Act to create the North Carolina Longitudinal Data System and governing board.

Key Pt. The USED awarded \$4M in June to implement the capacity of the state's Preschool to Workforce Statewide Longitudinal Data System (SLDS).

- The General Assembly funded \$10M in 2010 for the implementation of reading diagnostics using hand held mobile devices, eliminated the funding in 2011 and restored the funding as part of a K-3 reading initiative funded at \$27M.



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Lessons Learned

- **Role of the state:**
 - **Level the playing field by providing Access**
- **Digital Learning will only be effective if there is a robust technology infrastructure in place.**
- **Public Private Partnerships are critical**



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Moving Forward

- **Continue to build on state investments-**

RttT plan (\$400M) is an example:

- **development of the NC EDCloud for shared services leading to cost efficiencies for schools,**
- **on line assessment system and**
- **Instructional Learning Management System that supports personalized learning for students.**



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Moving Forward

- Develop a policy structure that supports digital learning.

Revision of existing state policies, rules, or regulations that may inhibit North Carolina from maximizing eLearning's potential for students and learners of all ages (PK-20)



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Moving Forward

- Continue to support the implementation of the eLearning Commission's recommendations that includes:
 - Broadband to the home
 - Quality standards for Virtual Learning (P20)
 - Digital Learning Media
 - On Line Professional Development



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Support Documents

- Detailed timeline
- eLearning Matrix- recommendations and status
- Digital Learning Media Report
- NC CLOUD for shared services



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