

**GENERAL ASSEMBLY OF NORTH CAROLINA
SESSION 2001**

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SENATE BILL 1452

Short Title: Business and Educ. Tech. Alliance for Schools. (Public)

Sponsors: Senators Dalton, Lee, and Reeves.

Referred to: Education/Higher Education.

June 18, 2002

A BILL TO BE ENTITLED
AN ACT CREATING THE STATE BOARD OF EDUCATION'S BUSINESS AND
EDUCATION TECHNOLOGY ALLIANCE.

The General Assembly of North Carolina enacts:

SECTION 1. There is created the State Board of Education's Business and Education Technology Alliance.

SECTION 2. The Business and Education Technology Alliance shall be composed of 25 members who have knowledge and interest in ensuring that the effective use of technology is built into the North Carolina School System for the purpose of preparing a globally competitive workforce and citizenry for the 21st Century. These members shall be appointed as follows:

- (1) The Superintendent of Public Instruction or his or her designee;
- (2) One member of the State Board of Education appointed by the State Board of Education;
- (3) One parent of a public school child appointed by the State Board of Education after receiving recommendations from the North Carolina State Parent Teacher Association;
- (4) Two members of the Senate, one of whom serves on the Joint Select Information Technology Committee appointed by the President Pro Tempore of the Senate;
- (5) Two members of the House of Representatives, one of whom serves on the Joint Select Information Technology Committee appointed by the Speaker of the House of Representatives;
- (6) One member of a local board of education who represents a local education agency (LEA) that has successfully incorporated technology into its schools, who is appointed by the Governor, after receiving recommendations from the North Carolina School Boards Association;
- (7) One member of a local board of education who represents a local education agency (LEA) that has limited access to technology, who is

- 1 appointed by the Governor, after receiving recommendations from the
2 North Carolina School Boards Association;
- 3 (8) Two at-large members appointed by the Governor;
- 4 (9) One representative of business and industry appointed by the State
5 Board of Education after receiving recommendations from the North
6 Carolina Citizens for Business and Industry;
- 7 (10) One local school superintendent who represents a local education
8 agency that is in an area of the State with limited access to technology,
9 who is appointed by the President Pro Tempore of the Senate, after
10 receiving recommendations from North Carolina professional
11 associations representing school administrators;
- 12 (11) One local school superintendent who represents a local education
13 agency that is in an area of the State with high access to the technology
14 and has successfully incorporated the use of technology into its
15 instructional programs, who is appointed by the Speaker of the House
16 of Representatives after receiving recommendations from North
17 Carolina professional associations representing school administrators;
- 18 (12) One school principal from a school that has successfully incorporated
19 technology into its instructional program, who is appointed by the
20 President Pro Tempore of the Senate, after receiving recommendations
21 from North Carolina professional associations representing school
22 administrators;
- 23 (13) One school principal from a school that is in an area of the State with
24 limited access to technology, who is appointed by the Speaker of the
25 House of Representatives, after receiving recommendations from
26 North Carolina professional associations representing school
27 administrators;
- 28 (14) One school teacher who works in a school with limited access to
29 technology, who is appointed by the President Pro Tempore of the
30 Senate, after receiving recommendations from North Carolina
31 professional associations representing teachers;
- 32 (15) One school teacher who has successfully incorporated the use of
33 technology into his or her classroom instruction, who is appointed by
34 the Speaker of the House of Representatives, after receiving
35 recommendations from North Carolina professional associations
36 representing teachers;
- 37 (16) One chancellor or his or her designee of institutions of higher
38 education who has demonstrated effective and innovative use of
39 technology for education, appointed by the Board of Governors of The
40 University of North Carolina;
- 41 (17) One president or his or her designee of the Community College
42 System who has demonstrated effective and innovative use of
43 technology for education, appointed by the Community College Board
44 of Trustees;

1 (18) Two county commissioners, one of whom represents a county that has
2 successfully incorporated technology into its schools and community,
3 who are appointed by the State Board of Education, after receiving
4 recommendations from the North Carolina Association of County
5 Commissioners;

6 (19) Two representatives of technology businesses who have either
7 successfully developed innovative technology programs for education
8 or have partnered with a local education agency (LEA) to develop a
9 technology-based education environment in that LEA, who are
10 appointed by the State Board of Education, after receiving
11 recommendations from North Carolina Electronics and Information
12 Technologies Association and the North Carolina Citizens for
13 Business and Industry; and

14 (20) One representative of the Information Resource Management
15 Commission appointed by the Commission's Chairman.

16 **SECTION 3.** Each of the following organizations or agencies shall select a
17 representative from its organization or agency to serve as a nonvoting member to the
18 Alliance. These members shall provide information to the Alliance about technology in
19 North Carolina: Rural Internet Access Authority; Information and Technology Services,
20 North Carolina Department of Public Instruction; Office of State Information
21 Technology Services, Office of the Governor.

22 **SECTION 4.** Members of the Business and Education Technology Alliance
23 shall serve for two-year terms. All members of the Alliance shall be voting members
24 unless they are designated as ex officio members. The officer who made the initial
25 appointment shall fill vacancies in the appointed membership. The Business and
26 Education Technology Alliance shall select a member of the Alliance to serve as
27 chairperson of the Alliance.

28 **SECTION 5.** Members of the Business and Education Technology Alliance
29 shall receive travel and subsistence expenses in accordance with the provisions of G.S.
30 120-3.1, 138-5, and 138-6.

31 **SECTION 6.** The Business and Education Technology Alliance shall:

32 (1) Advise the State Board of Education on the development of a vision
33 for a technologically literate citizen in 2025. This vision should
34 contain the educational standards needed to accomplish that vision, the
35 educational uses of technology to accomplish that vision, and a plan
36 for educating the community, educators, and business people about the
37 vision and educational uses of technology. Incorporated within the
38 vision and the plan for educating the public about the vision may
39 include:

40 a. Various models and frameworks of the high quality and
41 effective use of technology for education purposes including
42 those students who have not learned with traditional
43 approaches. The models may include the Cumberland County

- 1 Schools Web Academy, the Virtual High School, and Nova
2 Net.
- 3 b. Opportunities for teachers to experience the uses of technology
4 in work and business settings, which is the world for which they
5 are preparing students to work.
- 6 c. Production of multimedia presentations such as videos,
7 commercials, and publications that help citizens, students, and
8 educators see and understand the current and future power of
9 technology for educating our children and impacting our lives.
- 10 (2) Advise the State Board of Education on the development of a
11 technology infrastructure, delivery, and support system that provides
12 equity and access to all publics in North Carolina. The infrastructure,
13 delivery, and support system may include:
- 14 a. Opportunities for access to high-speed connectivity to the
15 Internet which impacts on the quality of instruction that can be
16 provided for students at school and in the community.
- 17 b. Technology networks that enable communities to encompass
18 the student and his/her family while maintaining the rights to
19 privacy for all citizens, i.e., a social service, health, education,
20 and mental health network. This network will increase
21 collaboration among agencies and provide a coordinated,
22 systemic service approach.
- 23 c. Continue to evaluate the status of current technology systems
24 and structures from the State to local level as it relates to
25 employing technology for improving instruction.
- 26 d. Continue to provide access to technology equipment and
27 infrastructure at home, school and in the community such as
28 extended hours of operation for schools and other community
29 facilities and on-loan laptop computers for student and parent
30 use.
- 31 e. Continue to develop surveys that provide information about the
32 types and results of technological tools utilized by teachers,
33 students, and others at school, in the community and home.
- 34 f. Sufficient personnel to maintain the operation of information
35 technology systems.
- 36 g. Coordination with regional economic development planners to
37 position local education agencies as an integral part of
38 economic development.
- 39 (3) Advise the State Board of Education on the development of
40 professional development programs for teachers to successfully
41 implement and use technology in public schools for all students. These
42 programs should also develop their leadership skills so that they can
43 use technology as a tool to support the rethinking of the core business

- 1 of schools: student learning. The professional development programs
2 may include:
- 3 a. Models of staff development from the State that are considered
4 state of the art, support the vision for technology, and that could
5 be used by local districts to train their staffs.
 - 6 b. Designated time for professional development for using
7 technology as well as skills for using technology as a delivery
8 for curriculum and instructional programs.
 - 9 c. Collegial planning time so that colleagues can coach and
10 support each other in learning new ways in which to think about
11 instruction.
 - 12 d. Teacher and administrator preparation and other programs that
13 ensure the Department of Public Instruction's Technology
14 Foundation Standards for Teachers and Administrators in
15 higher education are incorporated into classroom instruction.
 - 16 e. Training teachers with skill sets to teach technical courses that
17 are in growing demand to function at home and work.
 - 18 f. Increase opportunities for sharing best practices in all areas of
19 instruction.
 - 20 g. Increase opportunities for learning how to use technology to
21 customize instruction for all students.
 - 22 h. Increase opportunities for learning how to use technology to
23 diagnose student learning.
- 24 (4) Advise the State Board of Education on the development of a Funding
25 and Accountability system to ensure statewide access and equity. The
26 Funding and Accountability system may include:
- 27 a. Public-private partnerships.
 - 28 b. Identification of resources and the cost of those resources.
 - 29 c. Funding to keep hardware/software current.
 - 30 d. Evaluating progress toward realizing the technology vision.
 - 31 e. Evaluating the impact of various technology initiatives on
32 alleviating some of the State's education and economic
33 development problems.
 - 34 f. Incentives to encourage risk taking and innovative uses of
35 technology.
 - 36 g. Funding for only those initiatives that are well-planned,
37 demonstrate high commitment, and have a solid evaluation
38 component.
- 39 (5) Report annually to the State Board of Education on the progress of the
40 Alliance's recommendations for education technology in the public
41 schools on the first Friday in December. This report may contain a
42 summary of recommendations for changes to any law, rule, and policy
43 that would improve implementing education technology in the public
44 schools.

- 1 (6) Report annually to the Joint Legislative Education Oversight
2 Committee in the General Assembly on the recommendations for
3 education technology in the public schools on the first Friday in
4 January. This report may contain a summary of recommendations for
5 changes to any law, rule, and policy that would improve implementing
6 education technology in the public schools.

7 **SECTION 7.** There is appropriated from the General Fund to the State
8 Board of Education the sum of ten thousand dollars (\$10,000) for the 2002-2003 fiscal
9 year to support the work of the Alliance, to be used in conjunction with other funds
10 appropriated to the State Board of Education as necessary to support this work. These
11 funds may be used for staff, consultants, and other services needed to assist the Alliance
12 in carrying out its work.

13 The State Board of Education is encouraged to use private partnerships to
14 fund this initiative.

15 **SECTION 8.** This act becomes effective July 1, 2002.