
By: **Delegates Ramirez, Anderson, Bartlett, Boschert, Branch, Cane, C. Davis, Doory, Edwards, Goodwin, Haynes, Holmes, Howard, Kelly, Kirk, Love, Marriott, Minnick, Moe, Myers, Paige, Patterson, and Ross**
Ross, Bozman, Cardin, Conroy, Cryor, Elmore, Gilleland, Gordon, Healey, Heller, Hixson, Lee, Kaiser, King, McKee, Parker, and Wood

Introduced and read first time: February 10, 2006

Assigned to: Ways and Means

Committee Report: Favorable with amendments

House action: Adopted

Read second time: March 23, 2006

CHAPTER _____

1 AN ACT concerning

2 **Education - Educational Technology Pilot Program - Elementary Schools**

3 FOR the purpose of establishing the Educational Technology Pilot Program to be
4 implemented in the elementary schools of certain local jurisdictions in the State;
5 requiring the State Superintendent of Schools to award a grant to certain
6 organizations for implementation of the pilot program; providing for the purpose
7 of the pilot program; requiring the State Superintendent and certain
8 organizations to develop a plan to implement the pilot program; requiring the
9 plan to meet certain requirements; providing for the funding of the pilot
10 program; requiring certain boards of education to submit a certain report on or
11 before a certain date including certain information; defining certain terms; and
12 generally relating to the Educational Technology Pilot Program.

13 BY repealing and reenacting, with amendments,
14 Article - Education
15 Section 7-904 and 7-905
16 Annotated Code of Maryland
17 (2004 Replacement Volume and 2005 Supplement)

18 BY adding to
19 Article - Education
20 Section 7-10A-01 through 7-10A-08, inclusive, to be under the new subtitle
21 "Subtitle 10A. Educational Technology Pilot Program"

1 Annotated Code of Maryland
2 (2004 Replacement Volume and 2005 Supplement)

3 Preamble

4 WHEREAS, With today's wireless and notebook technologies, it is possible for
5 students to work together on a network with Internet access from every desk in every
6 classroom, not just in the computer lab; and

7 WHEREAS, The best time to introduce students to computer technology is in
8 elementary school, so that their acquaintance with how computers operate can form a
9 solid foundation for their future needs; and

10 WHEREAS, Just providing technological hardware to schools is not sufficient to
11 ensure the integration of computers into the lessons taught in the classroom, teachers
12 must be trained in order to achieve technological integration with their curriculum;
13 and

14 WHEREAS, Maryland has the opportunity to create a pilot program within
15 designated elementary schools, in certain areas of the State, designed to introduce
16 students to computer technology and train teachers to integrate such technology into
17 their curriculum; and

18 WHEREAS, A computer technology pilot program will add to the increased
19 performance of the State's elementary school students participating in the program
20 and provide performance indicators that illustrate how teachers' familiarity with
21 technology and teaching resources within the program have increased; now, therefore,

22 SECTION 1. BE IT ENACTED BY THE GENERAL ASSEMBLY OF
23 MARYLAND, That the Laws of Maryland read as follows:

24 **Article - Education**

25 7-904.

26 (A) The State Superintendent may:

27 (1) Procure and develop curriculum-based learning resources using
28 state-of-the-art technologies and techniques designed to increase the achievement
29 levels of all students in all subject areas;

30 (2) Procure and develop long-term comprehensive instructional
31 programming and associated support resources that ensure maximum access by all
32 educational institutions;

33 (3) Develop standards for teachers and other school system employees
34 for the offering of courses or services on the Internet or through other developing
35 technologies;

1 (4) Review courses and courseware to assure quality and alignment with
2 the Maryland content standards and other appropriate standards;

3 (5) Track and issue periodic reports on the type and frequency of courses
4 or services utilized by teachers and other professionals under this section; and

5 (6) Award grants to eligible private or public consortia to enable eligible
6 consortia to develop state-of-the-art technology-enhanced instructional products,
7 resources, and services for use in the classroom, including:

8 (i) The development, production, and distribution of instructional
9 programming for students;

10 (ii) Staff development programming for teachers; and

11 (iii) Incorporation of creative state-of-the-art applications of
12 technology-enhanced learning resources, such as:

13 1. Computer software;

14 2. Databases;

15 3. Films;

16 4. Transparencies;

17 5. Multimedia video and audio discs;

18 6. Telecommunications;

19 7. Educational television;

20 8. Print resources; and

21 9. Web-based resources and courses.

22 (B) IN ACCORDANCE WITH SUBTITLE 10A OF THIS TITLE, THE STATE
23 SUPERINTENDENT SHALL AWARD A GRANT FOR THE IMPLEMENTATION OF A PILOT
24 PROGRAM TO INTRODUCE ELEMENTARY AGE STUDENTS TO COMPUTER
25 TECHNOLOGY AND TRAIN TEACHERS TO INTEGRATE THAT TECHNOLOGY INTO THEIR
26 CURRICULUM.

27 7-905.

28 In awarding grants under [§ 7-904] § 7-904(A) of this subtitle, the State
29 Superintendent shall give priority to applications describing programs or systems
30 that are developed:

31 (1) For statewide application at a reasonable cost;

32 (2) In consultation with classroom teachers; and

1 (3) Through consultation and collaboration with appropriate educational
2 entities to ensure relevance to State content standards and to other appropriate State
3 standards.

4 SUBTITLE 10A. EDUCATIONAL TECHNOLOGY PILOT PROGRAM.

5 7-10A-01.

6 (A) IN THIS SUBTITLE THE FOLLOWING WORDS HAVE THE MEANINGS
7 INDICATED.

8 (B) "PILOT PROGRAM" MEANS THE EDUCATIONAL TECHNOLOGY PILOT
9 PROGRAM.

10 (C) "PROGRAM PROVIDER" MEANS A NONPROFIT ORGANIZATION THAT, AS
11 DETERMINED BY THE STATE SUPERINTENDENT:

12 (1) EXCLUSIVELY FOCUSES ON THE IMPROVEMENT OF PERFORMANCE
13 MANAGEMENT AND THE USE OF TECHNOLOGY FOR OTHER NONPROFIT
14 ORGANIZATIONS AND SCHOOLS;

15 (2) HAS DEMONSTRATED EXPERIENCE IN PROVIDING A RANGE OF
16 ASSISTANCE TO NONPROFIT COMMUNITY-BASED ORGANIZATIONS AND SCHOOLS
17 INCLUDING:

18 (I) ASSESSING PERFORMANCE AND THE USE OF TECHNOLOGY;

19 (II) DEVELOPING RECOMMENDATIONS TO IMPROVE
20 PERFORMANCE AND THE USE OF TECHNOLOGY; AND

21 (III) IMPLEMENTING THOSE RECOMMENDATIONS;

22 (3) HAS DEMONSTRATED THE ABILITY TO IDENTIFY AREAS FOR
23 PROGRAM IMPROVEMENT RELATED TO THE USE OF TECHNOLOGY IN CLASSROOMS
24 AND BY ADMINISTRATORS;

25 (4) HAS DEMONSTRATED THE ABILITY TO DEVELOP AN
26 IMPLEMENTATION PLAN FOR RECOMMENDED IMPROVEMENTS;

27 (5) HAS DEMONSTRATED THE ABILITY TO ASSIST WITH AND PROVIDE
28 ON-SITE, HANDS-ON GUIDANCE WITH THE IMPLEMENTATION OF THE
29 RECOMMENDATIONS; AND

30 (6) HAS DEMONSTRATED THE ABILITY TO CREATE AN ON-LINE
31 COMMUNITY THAT ALLOWS TEACHERS, PARENTS, POLICYMAKERS, AND OTHER
32 STAKEHOLDERS TO COMMUNICATE AND PROVIDE SUPPORT DURING AND
33 FOLLOWING THE ASSESSMENT AND IMPLEMENTATION PROCESS.

1 7-10A-02.

2 THERE IS AN EDUCATIONAL TECHNOLOGY PILOT PROGRAM IN THE
3 DEPARTMENT.

4 7-10A-03.

5 THE PURPOSE OF THE PILOT PROGRAM IS TO INTRODUCE ELEMENTARY AGE
6 STUDENTS TO COMPUTER TECHNOLOGY AND TRAIN TEACHERS TO INTEGRATE SUCH
7 TECHNOLOGY INTO THEIR CURRICULUM.

8 7-10A-04.

9 IN ACCORDANCE WITH § 7-10A-05 OF THIS SUBTITLE, THE STATE
10 SUPERINTENDENT AND PROGRAM PROVIDERS, CHOSEN BY THE STATE
11 SUPERINTENDENT, SHALL DEVELOP A PLAN TO IMPLEMENT THE PILOT PROGRAM IN
12 TWO ELEMENTARY SCHOOLS IN THE FOLLOWING SCHOOL SYSTEMS:

- 13 (1) BALTIMORE CITY;
- 14 (2) DORCHESTER COUNTY;
- 15 (3) PRINCE GEORGE'S COUNTY;
- 16 (4) SOMERSET COUNTY; AND
- 17 (5) ST. MARY'S COUNTY.

18 7-10A-05.

19 THE PLAN TO IMPLEMENT THE PILOT PROGRAM SHALL:

- 20 (1) PROVIDE A USEFUL EDUCATIONAL MEDIUM FOR STUDENTS IN THE
21 PILOT PROGRAM;
- 22 (2) BE CAPABLE OF BEING IMPLEMENTED AT A REASONABLE COST;
- 23 (3) ENCOURAGE AND DEVELOP STUDENTS' FAMILIARITY WITH
24 COMPUTER TECHNOLOGY AND TRAIN TEACHERS TO INTEGRATE SUCH TECHNOLOGY
25 INTO THEIR CURRICULUM;
- 26 (4) ADD TO THE INCREASED PERFORMANCE OF THE STUDENTS
27 PARTICIPATING IN THE PROGRAM; AND
- 28 (5) PROVIDE PERFORMANCE INDICATORS THAT ILLUSTRATE HOW
29 TEACHERS' FAMILIARITY WITH TECHNOLOGY AND TEACHING RESOURCES WITHIN
30 THE PILOT PROGRAM HAVE INCREASED.

1 7-10A-06.

2 ON APPROVAL OF THE PLAN TO IMPLEMENT THE PILOT PROGRAM INTO A
3 SCHOOL SYSTEM, THE STATE SUPERINTENDENT SHALL PROVIDE A GRANT TO THE
4 COUNTY BOARD OF THE SCHOOL SYSTEM IN WHICH THE PILOT PROGRAM WILL BE
5 IMPLEMENTED.

6 7-10A-07.

7 ~~BEGINNING WITH THE FISCAL YEAR 2008 BUDGET, THE GOVERNOR SHALL~~
8 ~~INCLUDE FUNDS IN THE BUDGET FOR THE STATE SUPERINTENDENT TO CARRY OUT~~
9 ~~THE PROVISIONS OF THIS SUBTITLE. FUNDING FOR THE STATE SUPERINTENDENT TO~~
10 CARRY OUT THE PROVISIONS OF THIS SUBTITLE SHALL BE AS PROVIDED IN THE
11 STATE BUDGET.

12 7-10A-08.

13 IN THE COUNTIES IN WHICH THE PILOT PROGRAM IS IMPLEMENTED, EACH
14 COUNTY BOARD SHALL ISSUE A REPORT ON THE STATUS OF, AND THE BENEFITS
15 ACCRUED FROM, THE PILOT PROGRAM, TO THE GOVERNOR AND, IN ACCORDANCE
16 WITH § 2-1246 OF THE STATE GOVERNMENT ARTICLE, TO THE GENERAL ASSEMBLY
17 WITHIN 2 YEARS FROM THE DATE THE STATE SUPERINTENDENT AWARDS A GRANT
18 TO THE COUNTY BOARD UNDER THIS SUBTITLE.

19 SECTION 2. AND BE IT FURTHER ENACTED, That this Act shall take effect
20 October 1, 2006.