

106TH CONGRESS
1ST SESSION

S. 1604

To amend the Elementary and Secondary Education Act of 1965, to reauthorize and make improvements with respect to certain teacher technology provisions, and for other purposes.

IN THE SENATE OF THE UNITED STATES

SEPTEMBER 21, 1999

Mr. BINGAMAN (for himself, Mrs. MURRAY, and Mr. COCHRAN) introduced the following bill; which was read twice and referred to the Committee on Health, Education, Labor, and Pensions

A BILL

To amend the Elementary and Secondary Education Act of 1965, to reauthorize and make improvements with respect to certain teacher technology provisions, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE; REFERENCES.**

4 (a) SHORT TITLE.—This Act may be cited as the
5 “Technology for Teaching Act”.

6 (b) REFERENCES.—Except as otherwise provided,
7 whenever in this Act an amendment or repeal is expressed
8 in terms of an amendment to, or repeal of, a section or

1 other provision, the reference shall be considered to be
 2 made to a section or other provision of the Elementary
 3 and Secondary Education Act of 1965 (20 U.S.C. 6301
 4 et seq.).

5 **TITLE I—STRUCTURE**

6 **SEC. 101. STRUCTURE; REPEAL; REDESIGNATIONS; AU-** 7 **THORIZATION OF APPROPRIATIONS.**

8 (a) STRUCTURE.—Part A of title III (20 U.S.C. 6811
 9 et seq.) is amended—

10 (1) by striking the part heading;

11 (2) by repealing subpart 4;

12 (3) by striking the subpart headings; and

13 (4) by inserting before section 3121 the fol-
 14 lowing:

15 “PART A—FEDERAL LEADERSHIP AND NATIONAL
 16 ACTIVITIES”.

17 (b) REPEAL.—Sections 3114, 3115, and 3123 (20
 18 U.S.C. 6814, 6815, 6823) are repealed.

19 (c) REDESIGNATIONS.—Title III (20 U.S.C. 6801 et
 20 seq.) is amended—

21 (1) by redesignating sections 3101, 3111, 3112,
 22 3113, 3121, and 3122 as sections 3001, 3002, 3003,
 23 3004, 3102, and 3103, respectively;

1 (2) by inserting immediately before section
2 3102 (as redesignated by paragraph (1)) the fol-
3 lowing:

4 **“SEC. 3101. NATIONAL EVALUATION OF EDUCATION TECH-**
5 **NOLOGY.**

6 “(a) NATIONAL EVALUATION.—

7 “(1) IN GENERAL.—In order to better inform
8 the Federal role in supporting the use of educational
9 technology, in stimulating reform and innovation in
10 teaching and learning with technology, and in ad-
11 vancing the development of more advanced and new
12 types and applications of such technology, the Sec-
13 retary shall—

14 “(A) develop, within 12 months of the date
15 of enactment of the Elementary and Secondary
16 Education Amendments of 1999, a strategy for
17 an ongoing evaluation of existing and antici-
18 pated future uses of educational technology;
19 and

20 “(B) carry out such an evaluation.

21 “(2) ACTIVITIES AUTHORIZED.—From the
22 funds reserved under subsection (b), the Secretary
23 may—

1 “(A) conduct long-term controlled studies
2 on the effectiveness of the uses of educational
3 technology;

4 “(B) convene panels of experts to—

5 “(i) identify uses of educational tech-
6 nology that hold the greatest promise for
7 improving teaching and learning;

8 “(ii) assist the Secretary with the re-
9 view and assessment of the progress and
10 effectiveness of projects that are funded
11 under this title; and

12 “(iii) identify barriers to the commer-
13 cial development of effective, high-quality,
14 cost-competitive educational technology
15 and software;

16 “(C) conduct evaluations and applied re-
17 search studies that examine—

18 “(i) how students learn using edu-
19 cational technology, whether singly or in
20 groups, and across age groups, student
21 populations (including students with spe-
22 cial needs, such as students with limited
23 English proficiency and students with dis-
24 abilities) and settings; and

1 “(ii) the characteristics of classrooms
2 and other educational settings that use
3 educational technology effectively;

4 “(D) collaborate with other Federal agen-
5 cies that support research on, and evaluation
6 of, the use of network technology in educational
7 settings; and

8 “(E) carry out such other activities as the
9 Secretary determines appropriate.

10 “(b) AVAILABILITY OF TITLE III FUNDS FOR EVAL-
11 UATION.—Notwithstanding any other provision of this
12 title, the Secretary may use up to 4 percent of the funds
13 appropriated to carry out this title for any fiscal year to
14 carry out the activities described in subsection (a) for that
15 fiscal year.”; and

16 (3) by inserting after section 3103 (as redesign-
17 nated by paragraph (1)) the following:

18 **“SEC. 3104. AUTHORIZATION OF APPROPRIATIONS.**

19 “For purposes of carrying out this part, there are au-
20 thorized to be appropriated such sums as may be nec-
21 essary for fiscal year 2001 and for each of the 4 suc-
22 ceeding fiscal years.”.

1 **TITLE II—SPECIAL PROJECTS**

2 **SEC. 201. REPEALS; REDESIGNATIONS; NEW PART.**

3 (a) REPEALS.—Parts B and E of title III (20 U.S.C.
4 6891 et seq. and 6871 et seq.) are repealed.

5 (b) REDESIGNATIONS.—Title III (20 U.S.C. 6801 et
6 seq.) is amended—

7 (1) by redesignating parts C and D as subparts
8 2 and 3, respectively; and

9 (2) by redesignating sections 3301, 3302, 3303,
10 3304, 3305, 3306, 3307, 3308, 3401, 3402, and
11 3403 as sections 3221, 3222, 3223, 3224, 3225,
12 3226, 3227, 3228, 3231, 3232, and 3233, respec-
13 tively.

14 (c) NEW PART.—Title III (20 U.S.C. 6801 et seq.)
15 is amended by inserting after section 3104 (as added by
16 section 101(c)(3)) the following:

17 “PART B—SPECIAL PROJECTS

18 “Subpart 1—Next-Generation Technology Innovation

19 Awards

20 **“SEC. 3211. PURPOSE; PROGRAM AUTHORITY.**

21 “(a) PURPOSE.—It is the purpose of this subpart
22 to—

23 “(1) expand the knowledge base about the use
24 of the next generation of advanced computers and

1 telecommunications in delivering new applications
2 for teaching and learning;

3 “(2) address questions of national significance
4 about the next generation of technology and its use
5 to improve teaching and learning; and

6 “(3) develop, for wide-scale adoption by State
7 educational agencies and local educational agencies,
8 models of innovative and effective applications of
9 technology to teaching and learning, such as high
10 quality video, voice recognition devices, modeling and
11 simulation software (particularly web-based software
12 and intelligent tutoring), hand-held devices, and vir-
13 tual reality and wireless technologies, that are
14 aligned with challenging State academic content and
15 student performance standards.

16 “(b) PROGRAM AUTHORITY.—

17 “(1) IN GENERAL.—The Secretary is author-
18 ized, through the Office of Educational Technology,
19 to award grants, contracts, or cooperative agree-
20 ments on a competitive basis to eligible applicants in
21 order to carry out the purposes of this subpart.

22 “(2) PERIOD OF AWARD.—The Secretary may
23 award grants, contracts, or cooperative agreements
24 under this subpart for a period of not more than 5
25 years.

1 **“SEC. 3212. ELIGIBILITY.**

2 “(a) ELIGIBLE APPLICANTS.—In order to receive an
3 award under this subpart, an applicant shall, subject to
4 subsection (c)(1), be a consortium that includes—

5 “(1) at least 1 State educational agency or local
6 educational agency; and

7 “(2) at least 1 institution of higher education,
8 for-profit business, museum, library, or other public
9 or private entity with a particular expertise that
10 would assist in carrying out the purposes of this
11 subpart.

12 “(b) APPLICATION REQUIREMENTS.—In order to re-
13 ceive an award under this subpart, an eligible applicant
14 shall submit an application to the Secretary at such time,
15 and containing such information, as the Secretary may re-
16 quire. Such application shall include—

17 “(1) a description of the proposed project, and
18 how it would carry out the purposes of this subpart;
19 and

20 “(2) a detailed plan for the independent evalua-
21 tion of the project, which shall include benchmarks
22 to monitor progress toward specific project objec-
23 tives.

24 “(c) PRIORITIES.—In making awards under this sub-
25 part, the Secretary may establish 1 or more priorities con-
26 sistent with the objectives of this subpart, including:

1 “(1) A priority for applicants, the members of
2 which are 1 or more of the particular types de-
3 scribed in subsection (a)(2).

4 “(2) A priority for projects that develop innova-
5 tive models of effective use of educational tech-
6 nology, including the development of distance learn-
7 ing networks, software (including software deliver-
8 able through the Internet), and online-learning re-
9 sources.

10 “(3) A priority for projects serving more than
11 1 State and involving large-scale innovations in the
12 use of technology in education.

13 “(4) A priority for projects that develop innova-
14 tive models that serve traditionally underserved pop-
15 ulations, including low-income students, students
16 with disabilities, and students with limited English
17 proficiency.

18 “(5) A priority for projects in which applicants
19 provide substantial financial and other resources to
20 achieve the goals of the project.

21 “(6) A priority for projects that develop innova-
22 tive models for using electronic networks to provide
23 challenging courses, such as Advanced Placement
24 courses.

1 **“SEC. 3213. USES OF FUNDS.**

2 “A recipient shall use funds awarded under this sub-
3 part to—

4 “(1) develop new applications of educational
5 technologies and telecommunications to support
6 school reform efforts, such as wireless and web-
7 based telecommunications, hand-held devices, web-
8 based learning resources, distributed learning envi-
9 ronments (including distance learning networks),
10 and the development of educational software and
11 other applications; and

12 “(2) carry out other activities consistent with
13 the purposes of this subpart, such as—

14 “(A) developing innovative models for im-
15 proving teachers’ ability to integrate technology
16 effectively into course curriculum, through sus-
17 tained and intensive, high-quality professional
18 development;

19 “(B) developing high-quality, standards-
20 based, digital content, including multimedia
21 software, digital video, and web-based re-
22 sources, such as—

23 “(i) new technological formats to fa-
24 cilitate deeper subject matter under-
25 standing in particularly challenging learn-
26 ing environments in areas such as physics,

1 foreign language, or Advanced Placement
2 courses;
3 “(ii) computer modeling, visualization,
4 and simulation tools;
5 “(iii) new methods for assessing stu-
6 dent performance;
7 “(iv) web-based and other distance
8 learning curricula and related materials,
9 such as interoperable software components;
10 “(v) learning-focused digital libraries,
11 information retrieval systems, and other
12 designs for supporting broad re-use of
13 learning content; and
14 “(vi) software that supports the devel-
15 opment, modification, and maintenance of
16 educational materials;
17 “(C) using telecommunications, and other
18 technologies, to make programs accessible to
19 students with special needs (such as low-income
20 students, students with disabilities, students in
21 remote areas, and students with limited English
22 proficiency) through such activities as using
23 technology to support mentoring;

1 “(D) providing classroom and extra-
2 curricular opportunities for female students to
3 explore the different uses of technology;

4 “(E) promoting school-family partnerships,
5 which may include services for adults and fami-
6 lies, particularly parent education programs
7 that provide parents with training, information,
8 and support on how to help their children
9 achieve to high academic standards;

10 “(F) acquiring connectivity linkages, re-
11 sources, distance learning networks, and serv-
12 ices, including hardware and software, as need-
13 ed to accomplish the goals of the project; and

14 “(G) collaborating with other Department
15 of Education and Federal information tech-
16 nology research and development programs.

17 **“SEC. 3214. EVALUATION.**

18 “The Secretary is authorized to—

19 “(1) develop tools and provide resources for re-
20 cipients of funds under this subpart to evaluate their
21 activities;

22 “(2) provide technical assistance to assist re-
23 cipients of funds under this subpart in evaluating
24 their projects;

1 “(3) conduct independent evaluations of the ac-
2 tivities assisted under this subpart; and

3 “(4) disseminate findings and methodologies
4 from evaluations of activities assisted under this
5 subpart, or other information obtained from such
6 projects that would promote the design, replication,
7 or implementation of effective models for evaluating
8 the impact of educational technology on teaching
9 and learning.

10 **“SEC. 3215. AUTHORIZATION OF APPROPRIATIONS.**

11 “For purposes of carrying out this subpart, there are
12 authorized to be appropriated such sums as may be nec-
13 essary for fiscal year 2001 and for each of the 4 suc-
14 ceeding fiscal years.”.

15 **SEC. 202. COMMUNITY TECHNOLOGY CENTERS.**

16 Part B of title III (as added by section 201(c)) is
17 amended by adding after section 3233 the following:

18 “Subpart 4—Community Technology Centers

19 **“SEC. 3241. PURPOSE; PROGRAM AUTHORITY.**

20 “(a) PURPOSE.—It is the purpose of this subpart to
21 assist eligible applicants to—

22 “(1) create or expand community technology
23 centers that will provide disadvantaged residents of
24 economically distressed urban and rural communities

1 with access to information technology and related
 2 training; and

3 “(2) provide technical assistance and support to
 4 community technology centers.

5 “(b) PROGRAM AUTHORITY.—

6 “(1) IN GENERAL.—The Secretary is author-
 7 ized, through the Office of Educational Technology,
 8 to award grants, contracts, or cooperative agree-
 9 ments on a competitive basis to eligible applicants in
 10 order to assist them in—

11 “(A) creating or expanding community
 12 technology centers; or

13 “(B) providing technical assistance and
 14 support to community technology centers.

15 “(2) PERIOD OF AWARD.—The Secretary may
 16 award grants, contracts, or cooperative agreements
 17 under this subpart for a period of not more than 3
 18 years.

19 **“SEC. 3242. ELIGIBILITY AND APPLICATION REQUIRE-**
 20 **MENTS.**

21 “(a) ELIGIBLE APPLICANTS.—In order to be eligible
 22 to receive an award under this subpart, an applicant
 23 shall—

24 “(1) have the capacity to expand significantly
 25 access to computers and related services for dis-

1 advantaged residents of economically distressed
2 urban and rural communities (who would otherwise
3 be denied such access); and

4 “(2) be—

5 “(A) an entity such as a foundation, mu-
6 seum, library, for-profit business, public or pri-
7 vate nonprofit organization, or community-
8 based organization;

9 “(B) an institution of higher education;

10 “(C) a State educational agency;

11 “(D) a local education agency; or

12 “(E) a consortium of entities described in
13 subparagraphs (A), (B), (C), or (D).

14 “(b) APPLICATION REQUIREMENTS.—In order to re-
15 ceive an award under this subpart, an eligible applicant
16 shall submit an application to the Secretary at such time,
17 and containing such information, as the Secretary may re-
18 quire. Such application shall include—

19 “(1) a description of the proposed project, in-
20 cluding a description of the magnitude of the need
21 for the services and how the project would expand
22 access to information technology and related services
23 to disadvantaged residents of an economically dis-
24 tressed urban or rural community;

25 “(2) a demonstration of—

1 “(A) the commitment, including the finan-
2 cial commitment, of entities such as institu-
3 tions, organizations, business and other groups
4 in the community that will provide support for
5 the creation, expansion, and continuation of the
6 proposed project; and

7 “(B) the extent to which the proposed
8 project establishes linkages with other appro-
9 priate agencies, efforts, and organizations pro-
10 viding services to disadvantaged residents of an
11 economically distressed urban or rural commu-
12 nity;

13 “(3) a description of how the proposed project
14 would be sustained once the Federal funds awarded
15 under this subpart end; and

16 “(4) a plan for the evaluation of the program,
17 which shall include benchmarks to monitor progress
18 toward specific project objectives.

19 “(c) MATCHING REQUIREMENTS.—The Federal
20 share of the cost of any project funded under this subpart
21 shall not exceed 50 percent. The non-Federal share of
22 such project may be in cash or in kind, fairly evaluated,
23 including services.

1 **“SEC. 3244. USES OF FUNDS.**

2 “(a) REQUIRED USES.—A recipient shall use funds
3 under this subpart for—

4 “(1) creating or expanding community tech-
5 nology centers that expand access to information
6 technology and related training for disadvantaged
7 residents of distressed urban or rural communities;
8 and

9 “(2) evaluating the effectiveness of the project.

10 “(b) PERMISSIBLE USES.—A recipient may use funds
11 under this subpart for activities, described in its applica-
12 tion, that carry out the purposes of this subpart, such
13 as—

14 “(1) supporting a center coordinator, and staff,
15 to supervise instruction and build community part-
16 nerships;

17 “(2) acquiring equipment, networking capabili-
18 ties, and infrastructure to carry out the project; and

19 “(3) developing and providing services and ac-
20 tivities for community residents that provide access
21 to computers, information technology, and the use of
22 such technology in support of pre-school preparation,
23 academic achievement, lifelong learning, and work-
24 force development, such as the following:

25 “(A) After-school activities in which chil-
26 dren and youths use software that provides aca-

1 demic enrichment and assistance with home-
 2 work, develop their technical skills, explore the
 3 Internet, and participate in multimedia activi-
 4 ties, including web page design and creation.

5 “(B) Adult education and family literacy
 6 activities through technology and the Internet,
 7 including—

8 “(i) General Education Development,
 9 English as a Second Language, and adult
 10 basic education classes or programs;

11 “(ii) introduction to computers;

12 “(iii) intergenerational activities; and

13 “(iv) lifelong learning opportunities.

14 “(C) Career development and job prepara-
 15 tion activities, such as—

16 “(i) training in basic and advanced
 17 computer skills;

18 “(ii) resume writing workshops; and

19 “(iii) access to databases of employ-
 20 ment opportunities, career information,
 21 and other online materials.

22 “(D) Small business activities, such as—

23 “(i) computer-based training for basic
 24 entrepreneurial skills and electronic com-
 25 merce; and

1 “(ii) access to information on business
 2 start-up programs that is available online,
 3 or from other sources.

4 “(E) Activities that provide home access to
 5 computers and technology, such as assistance
 6 and services to promote the acquisition, instal-
 7 lation, and use of information technology in the
 8 home through low-cost solutions such as
 9 networked computers, web-based television de-
 10 vices, and other technology.

11 **“SEC. 3244. AUTHORIZATION OF APPROPRIATIONS.**

12 “For purposes of carrying out this subpart, there are
 13 authorized to be appropriated such sums as may be nec-
 14 essary for fiscal year 2001 and for each of the 4 suc-
 15 ceeding fiscal years.”.

16 **TITLE III—TECHNOLOGY**
 17 **TRAINING FOR TEACHERS**

18 **SEC. 301. TECHNOLOGY TRAINING FOR TEACHERS**

19 (a) IN GENERAL.—Title III (20 U.S.C. 6801 et seq.)
 20 is amended by inserting after part B the following:

21 **“PART C—TECHNOLOGY TRAINING FOR TEACHERS**

22 **“SEC. 3301. FINDINGS.**

23 “Congress makes the following findings:

24 “(1) The Nation’s Governors and Congress
 25 have endorsed a set of National Education Goals

1 which include the preparation of teachers in the use
2 of emerging technologies.

3 “(2) Research has shown that elementary and
4 secondary school students have expanded learning
5 opportunities if various forms of educational tech-
6 nology are made available to the students.

7 “(3) Employers have pointed out the need for
8 graduates who are familiar and comfortable with
9 computers, networks, and other forms of technology.
10 Tens of thousands of high technology jobs are un-
11 filled and will remain vacant unless educational tech-
12 nology is incorporated into classrooms.

13 “(4) Lack of computers in schools and lack of
14 connectivity to the information superhighway are no
15 longer the principal obstacles to the use of tech-
16 nology in classrooms. The obstacles are being over-
17 come, in part, with support provided by the Depart-
18 ment of Education, the National Science Founda-
19 tion, the Department of Commerce, and other Fed-
20 eral departments and agencies, and through provi-
21 sions in the Telecommunications Act of 1996 (Public
22 Law 104–104; 110 Stat. 56) that will provide
23 schools with affordable access to the Nation’s infor-
24 mation infrastructure.

1 “(5) As access to computers and computer net-
2 works has become more available, lack of adequate
3 teacher training in the use of education technology
4 is becoming the single factor that most limits the
5 benefits of computer technology accruing to stu-
6 dents.

7 “(6) The ability of new and inservice teachers
8 to use technology in the classroom is strongly influ-
9 enced by several stakeholders, including schools of
10 education that are approved by a State to train new
11 teachers, State educational agencies that will license
12 new teachers, school districts that hire licensed
13 teachers and provide for the teachers’ ongoing pro-
14 fessional development, and the private sector that
15 develops and markets educational technology. Co-
16 operation and collaboration among the stakeholders
17 will provide benefits to teachers, students, and the
18 community through the improved use of educational
19 technology in schools and classrooms.

20 “(7) Estimates show that 2,000,000 new teach-
21 ers must enter the teaching profession by 2007 to
22 accommodate expanding enrollment and to replace
23 retiring teachers. The need to prepare the new
24 teachers for the 21st century classroom represents a
25 significant challenge to schools of education.

1 “(8) According to a 1997 study, only 10 per-
2 cent of new teachers reported that the teachers felt
3 prepared to use technology in their classrooms, re-
4 flecting inadequate training in the use of classroom
5 educational technology during their undergraduate
6 preparation.

7 “(9) There is no national standard for the ca-
8 pabilities of teachers in the use of emerging tech-
9 nologies, though several voluntary standards have
10 been developed by the National Council for Accredi-
11 tation of Teacher Education (NCATE), and are
12 being developed by the Interstate New Teacher As-
13 sessment and Support Consortium (INTASC) and
14 the National Board for Professional Teaching
15 Standards (NBPTS).

16 “(10) Licensure of new teachers is at the dis-
17 cretion of the States and mastery of education tech-
18 nology is not a universal performance standard in
19 State requirements for the licensing of new teachers.
20 Eighteen States do not require applicants for a
21 teaching license to have any technology training.
22 Thirty-two other States require a course or some
23 equivalent experience in educational technology.

24 “(11) Training for teachers in the use of edu-
25 cational technology is inadequate because it is only

1 one of many important areas in which teachers need
2 ongoing professional development. As a result of this
3 competition for limited professional development
4 support, only 15 percent of the Nation's teachers
5 have had 9 hours or more of training in 1994 in how
6 to use educational technology. Washington and Ken-
7 tucky have shown the most progress on this front,
8 but only 28 percent of their teachers had 9 hours of
9 technology training in 1994. Support for training in
10 educational technology must be ensured in the face
11 of competition for limited professional development
12 resources.

13 “(12) Advances in educational hardware and
14 software are generally much more frequent than are
15 revisions of professional development courses for in-
16 service teachers, making it difficult for teachers to
17 have access to the most recent educational software
18 and hardware. Private sector developers of edu-
19 cational technology are most aware of the state-of-
20 the-art at any moment.

21 “(13) In light of proven value of educational
22 technology and the many stakeholders seeking to ex-
23 pand and improve the use of educational technology,
24 promoting partnerships among the stakeholders is
25 an appropriate Federal role.

1 **“SEC. 3302. PURPOSE.**

2 “(a) PURPOSE.—

3 “(1) IN GENERAL.—It is the purpose of this
4 part to enrich the quality of elementary and sec-
5 ondary education by preparing new and inservice
6 teachers and enabling inservice teachers to use the
7 most modern technology as a tool in teaching and
8 learning, by—

9 “(A) promoting the creation and growth of
10 partnerships among State educational agencies,
11 schools of education, local educational agencies,
12 and the education technology private sector,
13 with the partnerships being devoted to improv-
14 ing the ability of new and inservice teachers to
15 use educational technology in the classroom;

16 “(B) promoting greater non-Federal in-
17 vestment in technology training for teachers;

18 “(C) increasing the public sharing of infor-
19 mation by State educational agencies, schools of
20 education, and local educational agencies, on
21 the use of educational technology;

22 “(D) encouraging and enabling schools of
23 education to develop and improve courses in the
24 use of educational technology as part of the
25 curriculum offered to students pursuing a
26 teaching career;

1 “(E) encouraging State educational agen-
 2 cies to include proficiency in the classroom use
 3 of educational technology among the require-
 4 ments for teaching licenses;

5 “(F) stimulating and enabling development
 6 of new mechanisms for professional develop-
 7 ment of teachers seeking to increase their abil-
 8 ity to use technology and to integrate tech-
 9 nology into the classroom; and

10 “(G) stimulating the creation and develop-
 11 ment of more rapid-response training opportu-
 12 nities that will give teachers access to the most
 13 recent educational software and hardware.

14 “(2) SPECIAL RULE.—It is not the purpose of
 15 this part to provide Federal support to private sector
 16 firms wishing to use teacher training as a way to
 17 represent or sell particular educational technology
 18 products or services to teachers, schools, or school
 19 districts.

20 **“SEC. 3303. STATEMENT OF PRINCIPLES.**

21 “‘This part is based on the following principles:

22 “(1) All elementary schools and secondary
 23 schools in the States, and all elementary schools and
 24 secondary schools administered by the Bureau of In-
 25 dian Affairs and the Department of Defense, should

1 have equal access to teachers who are prepared to
 2 use the most modern technology to improve teaching
 3 and learning.

4 “(2) Two forces should have the potential to
 5 motivate schools of education and professional devel-
 6 opment programs to improve their training and de-
 7 velopment of teachers to use technology for edu-
 8 cation. The forces are—

9 “(A) competition for resources; and

10 “(B) pressure from stakeholders at the
 11 State and local levels.

12 “(3) An appropriate Federal role with respect
 13 to educational technology is to—

14 “(A) set performance standards;

15 “(B) provide the greatest resources to
 16 those meeting the standards;

17 “(C) enable the poorest performers to
 18 begin the process of attaining the standards;

19 “(D) set accountability standards; and

20 “(E) motivate all performers to be ac-
 21 countable to their constituent stakeholders.

22 **“SEC. 3304. DEFINITIONS.**

23 In this part:

24 “(1) EDUCATIONAL TECHNOLOGY.—The term
 25 ‘educational technology’ means computers, computer

1 software, computer networks, digital storage media
2 such as CD-ROM, interactive video, and other ad-
3 vanced technologies designed or used to improve
4 classroom teaching and learning.

5 “(2) ELEMENTARY SCHOOL; SECONDARY
6 SCHOOL; LOCAL EDUCATIONAL AGENCY; STATE EDU-
7 CATIONAL AGENCY.—The terms ‘elementary school’,
8 ‘secondary school’, ‘local educational agency’, and
9 ‘State educational agency’ have the meanings given
10 the terms in section 14101.

11 “(3) INSTITUTION OF HIGHER EDUCATION.—
12 The term ‘institution of higher education’ has the
13 meaning given the term in section 101 of the Higher
14 Education Act of 1965 (20 U.S.C. 1001).

15 “(4) LICENSED TEACHER.—The term ‘licensed
16 teacher’ means an individual who possesses a docu-
17 ment certifying that the individual has met the re-
18 quirements of a State for employment as a public
19 school teacher in the State.

20 “(5) SCHOOL OF EDUCATION.—The term
21 ‘school of education’ means a school, department, or
22 other division within an institution of higher edu-
23 cation that trains individuals to serve as licensed
24 teachers.

10 “Subpart 1—Educational Technology Training for New
11 Teachers

13 “From the amount available to carry out this subpart
14 for a fiscal year, the Secretary shall reserve 5 percent to
15 enable the Secretary—

20 “(2) to carry out evaluations and studies nec-
21 essary to monitor and assess the impacts of the as-
22 sistance provided under this part.

24 “(a) RESERVATION.—From the amount available to
25 carry out this subpart for each fiscal year and not reserved

1 under section 3311, the Secretary shall reserve not less
2 than 2 percent of the amount to award grants to the Bu-
3 reau of Indian Affairs and the Department of Defense on
4 the basis of their relative need to improve teacher mastery
5 and use of educational technology at the elementary
6 schools or secondary schools administered by the Bureau
7 of Indian Affairs and the Department of Defense, respec-
8 tively. Applications for the grants shall be subject to re-
9 view criteria that are based on the review criteria de-
10 scribed in section 3314(b).

11 “(b) GRANTS.—

12 “(1) IN GENERAL.—From the amount available
13 to carry out this subpart and not reserved under
14 section 3311 or subsection (a) for a fiscal year, the
15 Secretary may award planning or implementation
16 grants under this section to State educational agen-
17 cies to improve teacher mastery and use of edu-
18 cational technology.

19 “(2) AWARD BASIS.—The Secretary shall award
20 grants under this section on a competitive basis and
21 pursuant to an application review process that in-
22 volves the use of experts and takes into consider-
23 ation the criteria described in section 3314(b).

24 “(c) AMOUNT.—

1 “(1) DETERMINATION OF STATE BASE
 2 AMOUNT.—The Secretary shall determine the State
 3 base amount for each State for each fiscal year. The
 4 State base amount for a State for a fiscal year is
 5 an amount that bears the same relation to the sum
 6 of—

7 “(A) 50 percent of the amount appro-
 8 priated under the authority of section 3319 for
 9 the fiscal year as the number of individuals in
 10 the State for the fiscal year who are age 5
 11 through 17, as determined by the Secretary on
 12 the basis of the most recent satisfactory data,
 13 bears to the number of all such individuals in
 14 all States; and

15 “(B) 50 percent of the amount appro-
 16 priated under the authority of section 3319 for
 17 the fiscal year as the amount all local edu-
 18 cational agencies in the State received under
 19 part A for the preceding fiscal year bears to the
 20 amount all local educational agencies in all
 21 States received under such part for the pre-
 22 ceding fiscal year.

23 “(2) MAXIMUM AMOUNTS.—

24 “(A) PLANNING GRANTS.—The Secretary
 25 may award a State educational agency a plan-

1 ning grant for a fiscal year in an amount that
 2 does not exceed 10 percent of the applicable
 3 State base amount for the fiscal year.

4 “(B) IMPLEMENTATION GRANTS.—The
 5 Secretary may award a State educational agen-
 6 cy an implementation grant for a fiscal year in
 7 an amount that does not exceed twice the appli-
 8 cable State base amount for the fiscal year.

9 “(d) DURATION AND RENEWAL.—

10 “(1) PLANNING GRANTS.—The Secretary shall
 11 award planning grants under this section for a pe-
 12 riod of 1 fiscal year. The grants may be renewed for
 13 periods of 1 fiscal year upon reapplication under sec-
 14 tion 3314.

15 “(2) IMPLEMENTATION GRANTS.—The Sec-
 16 retary shall award implementation grants under this
 17 section for a period of not less than 3 fiscal years
 18 and not more than 5 fiscal years. The grants may
 19 be renewed for periods of not less than 3 fiscal years
 20 and not more than 5 fiscal years upon reapplication
 21 under section 3314.

22 “(e) SPECIAL RULES.—

23 “(1) 1 GRANT REQUIREMENT.—The Secretary
 24 shall award each State educational agency not more
 25 than 1 grant under this section for a fiscal year.

1 “(2) PLANNING.—Each State educational agen-
 2 cy submitting an application for an implementation
 3 grant for a fiscal year that is denied funding shall
 4 receive a planning grant from the Secretary for the
 5 fiscal year after submitting an application for the
 6 planning grant that the Secretary approves.

7 “(f) MATCHING FUNDS.—

8 “(1) IN GENERAL.—In order to receive a grant
 9 under this section a State educational agency shall
 10 include in the application submitted under section
 11 3314 an assurance that, with respect to the costs to
 12 be incurred by the State educational agency in car-
 13 rying out the activities for which the grant is award-
 14 ed, the State educational agency will provide match-
 15 ing funds from non-Federal sources in an amount
 16 equal to the amount received under the grant.

17 “(2) NON-FEDERAL FUNDS.—Non-Federal
 18 funds provided pursuant to paragraph (1) may be in
 19 cash or in kind, including plant, equipment or serv-
 20 ices.

21 “(g) DIRECT GRANTS TO SCHOOLS FOR EDU-
 22 CATION.—

23 “(1) IN GENERAL.—If a State educational
 24 agency does not receive a grant under this subpart

1 for a fiscal year then the Secretary may award
 2 grants to schools of education in the State.

3 “(2) MAXIMUM AMOUNT.—The total amount of
 4 all grants awarded to schools of education within a
 5 State under paragraph (1) for a fiscal year shall not
 6 exceed the State base amount determined under sub-
 7 section (c) for the State for the fiscal year.

8 “(3) APPLICATION.—Each school of education
 9 desiring a grant under paragraph (1) shall submit
 10 an application to the Secretary at such time, in such
 11 manner, and accompanied by such information as
 12 the Secretary may require.

13 **“SEC. 3313. STATE USE OF FUNDS.**

14 “Each State educational agency receiving a grant
 15 under this subpart for a fiscal year—

16 “(1) may use not more than 10 percent of the
 17 grant funds for State activities that the State edu-
 18 cational agency determines carry out the purposes of
 19 this subpart; and

20 “(2) shall use not less than 90 percent of the
 21 grant funds to award grants to schools of education
 22 pursuant to section 3315.

23 **“SEC. 3314. STATE APPLICATIONS; REVIEW CRITERIA.**

24 “(a) STATE APPLICATIONS.—Each State educational
 25 agency desiring a grant under this subpart shall submit

1 an application to the Secretary at such time, in such man-
2 ner, and accompanied by such information, as the Sec-
3 retary may require.

4 “(b) REVIEW CRITERIA.—The Secretary, with the as-
5 sistance of experts representing education organizations,
6 shall review applications from State educational agencies
7 for grants under this subpart on the basis of the following
8 criteria:

9 “(1) AVAILABILITY OF EDUCATIONAL TECH-
10 NOLOGY INFORMATION.—The degree to which a
11 State educational agency has made, or plans to
12 make, the public aware of the extent to which edu-
13 cational technology is used in elementary schools
14 and secondary schools in the State. Factors relevant
15 to the extent may include—

16 “(A) the amount of training and teaching
17 experience in the classroom use of educational
18 technology that is required to become a licensed
19 teacher in the State;

20 “(B) the amount of training and teaching
21 experience in the classroom use of educational
22 technology that newly licensed teachers in the
23 State have received;

1 “(C) the yearly investment by the State
2 educational agency in educational technology
3 for the classroom;

4 “(D) the percentage of elementary schools
5 and secondary schools in the State that are con-
6 nected to the Internet; and

7 “(E) the percentage of elementary school
8 and secondary school classrooms in the State
9 that are connected to the Internet.

10 “(2) PLANS FOR IMPROVING THE USE OF EDU-
11 CATIONAL TECHNOLOGY.—The degree to which a
12 State educational agency—

13 “(A) has established or plans to establish
14 high standards for experience in the use of edu-
15 cational technology for teacher licensure;

16 “(B) has promoted or plans to promote the
17 preparation of new teachers in the use of edu-
18 cational technology; and

19 “(C) has demonstrated or plans to dem-
20 onstrate leadership in promoting the use of edu-
21 cational technology to improve classroom in-
22 struction.

23 **“SEC. 3315. GRANTS TO SCHOOLS OF EDUCATION.**

24 “(a) IN GENERAL.—Each State educational agency
25 receiving a grant under this subpart shall use the grant

1 funds described in section 3313(2) to award grants to
2 schools of education to improve teacher mastery and use
3 of educational technology.

4 “(b) AWARD BASIS.—A State educational agency
5 shall award grants under this subpart on a competitive
6 basis and pursuant to an application review process that
7 involves the use of experts and takes into consideration
8 the criteria described in section 3316(b).

9 “(c) AMOUNT AND DURATION.—A State educational
10 agency shall determine the amount and duration of each
11 grant awarded under this section.

12 “(d) MATCHING FUNDS.—

13 “(1) IN GENERAL.—In order to receive a grant
14 under this section a school of education shall include
15 in the application submitted under section 3316 an
16 assurance that, with respect to the costs to be in-
17 curred by the school of education in carrying out the
18 activities for which the grant is awarded, the school
19 of education will provide matching funds from non-
20 Federal sources in an amount equal to one-half of
21 the amount received under the grant.

22 “(2) NON-FEDERAL SHARE.—The non-Federal
23 funds provided pursuant to paragraph (1) may be in
24 cash or in kind, fairly evaluated, including plant,
25 equipment or services.

1 **“SEC. 3316. LOCAL APPLICATIONS; REVIEW CRITERIA.**

2 “(a) LOCAL APPLICATIONS.—Each school of edu-
3 cation desiring a grant from a State educational agency
4 under this subpart shall submit an application to the State
5 educational agency at such time, in such manner, and ac-
6 companied by such information, as the State educational
7 agency may require.

8 “(b) CRITERIA.—The State educational agency, with
9 the assistance of experts representing education organiza-
10 tions, shall review applications for grants under this sub-
11 part on the basis of the following criteria:

12 “(1) PUBLIC ACCOUNTABILITY.—The degree to
13 which a school of education has made, or plans to
14 make, the public aware of the amount and quality
15 of instruction in the use of educational technology
16 being provided in the teacher preparation program
17 of the school of education. Factors relevant to the
18 amount and quality may include—

19 “(A) the number of courses offered in the
20 use of education technology;

21 “(B) the number and types of courses in
22 the use of educational technology that are re-
23 quired for graduation from the school of edu-
24 cation;

25 “(C) the amount and type of teaching ex-
26 perience in the classroom use of technology that

1 is required for graduation from the school of
2 education; and

3 “(D) the average number of courses in the
4 use of educational technology taken by grad-
5 uates of the school of education in each of the
6 3 years preceding the year for which the deter-
7 mination is made.

8 “(2) PLANS FOR IMPROVING THE PREPARATION
9 OF NEW TEACHERS IN THE USE OF EDUCATIONAL
10 TECHNOLOGY.—The degree to which a school of
11 education has incorporated or plans to incorporate
12 into the undergraduate preparation of teachers the
13 following:

14 “(A) Expanded instruction in the use of
15 educational technology.

16 “(B) Partnerships with local educational
17 agencies to improve teacher preparation in the
18 use of educational technology.

19 “(C) Partnerships with private sector enti-
20 ties to improve teacher preparation in the use
21 of educational technology.

22 “(D) Special efforts to engage underrep-
23 resented groups in the use of educational tech-
24 nology.

1 **“SEC. 3317. MAINTENANCE OF EFFORT; SUPPLEMENT NOT**
2 **SUPLANT.**

3 “(a) MAINTENANCE OF EFFORT.—A State edu-
4 cational agency and a school of education, in utilizing the
5 grant funds received under this subpart, shall maintain
6 the expenditures of the State educational agency and
7 school of education, respectively, for improving teacher
8 mastery and use of educational technology at a level equal
9 to not less than the level of expenditures maintained by
10 the State educational agency and school of education, re-
11 spectively, for the fiscal year preceding the fiscal year for
12 which the grant is received.

13 “(b) SUPPLEMENT NOT SUPLANT.—Funds appro-
14 priated under the authority of section 3319 shall be used
15 to supplement and not supplant other Federal, State, and
16 local public funds expended to improve teacher mastery
17 and use of educational technology.

18 **“SEC. 3318. ADMINISTRATION.**

19 “The Secretary shall carry out the program author-
20 ized by this subpart through the Office of Educational
21 Technology in the Office of the Deputy Secretary of the
22 Department of Education.

23 **“SEC. 3319. AUTHORIZATION OF APPROPRIATIONS.**

24 “There are authorized to be appropriated to carry out
25 this subpart \$40,000,000 for fiscal year 2000, and such
26 sums as may be necessary for fiscal year 2001.

1 “Subpart 2—Educational Technology Training for
 2 Inservice Teachers

3 **“SEC. 3321. STATE EDUCATIONAL AGENCY GRANTS.**

4 “(a) RESERVATION.—From the amount available to
 5 carry out this subpart for a fiscal year, the Secretary shall
 6 reserve not less than 2 percent of the amount to award
 7 grants to the Bureau of Indian Affairs and the Depart-
 8 ment of Defense on the basis of their relative need to ex-
 9 pand and improve the use of technology by inservice teach-
 10 ers at the elementary schools or secondary schools admin-
 11 istered by the Bureau of Indian Affairs and the Depart-
 12 ment of Defense, respectively. Applications for the grants
 13 shall be subject to review criteria that are based on the
 14 review criteria described in section 3323(b).

15 “(b) GRANTS.—

16 “(1) IN GENERAL.—From the amount available
 17 to carry out this subpart and not reserved under
 18 subsection (a) for a fiscal year, the Secretary may
 19 award planning or implementation grants under this
 20 section to State educational agencies to expand and
 21 improve the use of technology by inservice teachers.

22 “(2) AWARD BASIS.—The Secretary shall award
 23 grants under paragraph (1) on a competitive basis
 24 and pursuant to an application review process that

1 involves the use of experts and takes into consider-
 2 ation the criteria described in section 3323(b).

3 “(c) MAXIMUM AMOUNTS.—

4 “(1) PLANNING GRANTS.—The Secretary may
 5 award a State educational agency a planning grant
 6 under subsection (a)(1) for a fiscal year in an
 7 amount that does not exceed 10 percent of the appli-
 8 cable State base amount for the fiscal year.

9 “(2) IMPLEMENTATION GRANTS.—The Sec-
 10 retary may award a State educational agency an im-
 11 plementation grant under subsection (a)(1) for a fis-
 12 cal year in an amount that does not exceed twice the
 13 applicable State base amount for the fiscal year.

14 “(3) STATE BASE AMOUNT.—For purposes of
 15 this subsection, the State base amount for a State
 16 for a fiscal year shall be determined in the same
 17 manner as the amount is determined under section
 18 3312(c)(1), except that subparagraphs (A) and (B)
 19 of section 3312(c)(1) shall be applied by striking
 20 ‘section 3319’ each place it appears and inserting
 21 ‘section 3328’.

22 “(d) DURATION AND RENEWAL.—

23 “(1) PLANNING GRANTS.—The Secretary shall
 24 award planning grants under this section for a pe-
 25 riod of 1 fiscal year. The grants may be renewed for

1 periods of 1 fiscal year upon reapplication under sec-
 2 tion 3323.

3 “(2) IMPLEMENTATION GRANTS.—The Sec-
 4 retary shall award implementation grants under this
 5 section for a period of not less than 3 fiscal years
 6 and not more than 5 fiscal years. The grants may
 7 be renewed for periods of not less than 3 fiscal years
 8 and not more than 5 fiscal years upon reapplication
 9 under section 3323.

10 “(e) SPECIAL RULES.—

11 “(1) 1 GRANT REQUIREMENT.—The Secretary
 12 shall award each State educational agency not more
 13 than 1 grant under this section for a fiscal year.

14 “(2) PLANNING.—Each State educational agen-
 15 cy submitting an application for an implementation
 16 grant for a fiscal year that is denied funding shall
 17 receive a planning grant from the Secretary for the
 18 fiscal year after submitting an application for the
 19 planning grant that the Secretary approves.

20 “(f) MATCHING FUNDS.—

21 “(1) IN GENERAL.—In order to receive a grant
 22 under this section a State educational agency shall
 23 include in the application submitted under section
 24 3323 an assurance that, with respect to the costs to
 25 be incurred by the State educational agency in car-

1 rying out the activities for which the grant is award-
 2 ed, the State educational agency will provide match-
 3 ing funds from non-Federal sources in an amount
 4 equal to the amount received under the grant.

5 “(2) NON-FEDERAL FUNDS.—Non-Federal
 6 funds provided pursuant to paragraph (1) may be in
 7 cash or in kind, including plant, equipment or serv-
 8 ices.

9 “(g) DIRECT GRANTS TO LOCAL EDUCATIONAL
 10 AGENCIES.—

11 “(1) IN GENERAL.—If a State educational
 12 agency does not receive a grant under this subpart
 13 for a fiscal year then the Secretary may award
 14 grants to local educational agencies in the State.

15 “(2) MAXIMUM AMOUNT.—The total amount of
 16 all grants awarded to local educational agencies
 17 within a State under paragraph (1) shall not exceed
 18 the State base amount determined under subsection
 19 (c)(3) for the State for the fiscal year.

20 “(3) APPLICATION.—Each local educational
 21 agency desiring a grant under paragraph (1) shall
 22 submit an application to the Secretary at such time,
 23 in such manner and accompanied by such informa-
 24 tion as the Secretary may require.

1 **“SEC. 3322. STATE USE OF FUNDS.**

2 “Each State educational agency receiving a grant
3 under this subpart for a fiscal year—

4 “(1) may use not more than 10 percent of the
5 grant funds for State activities that the State edu-
6 cational agency determines carry out the purposes of
7 this subpart; and

8 “(2) shall use at least 90 percent of the grant
9 funds to award grants to local educational agencies
10 pursuant to section 3324.

11 **“SEC. 3323. STATE APPLICATIONS; REVIEW CRITERIA.**

12 “(a) STATE APPLICATIONS.—Each State educational
13 agency desiring a grant under this subpart shall submit
14 an application to the Secretary at such time, in such man-
15 ner, and accompanied by such information, as the Sec-
16 retary may require.

17 “(b) REVIEW CRITERIA.—The Secretary, with the as-
18 sistance of experts representing education organizations,
19 shall review applications from State educational agencies
20 for grants under this subpart on the basis of the following
21 criteria:

22 “(1) AVAILABILITY OF EDUCATIONAL TECH-
23 NOLOGY INFORMATION.—The degree to which a
24 State educational agency has made, or plans to
25 make, the public aware of the extent to which edu-
26 cational technology is used in elementary schools or

secondary schools in the State. Factors relevant to the extent may include—

“(A) investments made by the State educational agency in the professional development of teachers in the State for improving their mastery and use of educational technology in each of the 3 years preceding the year for which the determination is made;

“(B) State standards for advancement or recertification of teachers that involve educational technology;

“(C) the percentage of teachers in the State receiving a significant professional development experience in the use of education technology in each of the 3 years preceding the year for which the determination is made;

“(D) the percentage of elementary schools and secondary schools in the State that are connected to the Internet; and

“(E) the percentage of elementary school and secondary school classrooms in the State that are connected to the Internet.

“(2) PLANS FOR IMPROVING THE USE OF EDUCATIONAL TECHNOLOGY.—The degree to which a State educational agency—

1 “(A) has established or plans to establish
 2 high standards for inservice professional devel-
 3 opment of teachers in the use of educational
 4 technology;

5 “(B) has provided or plans to provide sup-
 6 port for inservice professional development of
 7 teachers in the use of educational technology;
 8 and

9 “(C) has demonstrated or plans to dem-
 10 onstrate leadership in promoting the use of edu-
 11 cational technology to improve classroom in-
 12 struction.

13 **“SEC. 3324. GRANTS TO LOCAL EDUCATIONAL AGENCIES.**

14 “(a) IN GENERAL.—Each State educational agency
 15 receiving a grant under this subpart shall use the grant
 16 funds described in section 3322(2) to award grants to
 17 local educational agencies in the State to expand and im-
 18 prove the use of technology by inservice teachers.

19 “(b) AWARD BASIS.—A State educational agency
 20 shall award grants under this subpart on a competitive
 21 basis and pursuant to an application review process that
 22 involves the use of experts and takes into consideration
 23 the criteria described in section 3325(b).

1 “(c) AMOUNT AND DURATION.—A State educational
 2 agency shall determine the amount and duration of each
 3 grant awarded under this section.

4 “(d) MATCHING FUNDS.—

5 “(1) IN GENERAL.—In order to receive a grant
 6 under this section a local educational agency shall
 7 include in the application submitted under section
 8 3325 an assurance that, with respect to the costs to
 9 be incurred by the local educational agency in car-
 10 rying out the activities for which the grant is award-
 11 ed, the local educational agency will provide match-
 12 ing funds from non-Federal sources in an amount
 13 equal to one-half of the amount received under the
 14 grant.

15 “(2) NON-FEDERAL SHARE.—The non-Federal
 16 funds provided pursuant to paragraph (1) may be in
 17 cash or in kind, fairly evaluated, including plant,
 18 equipment or services.

19 **“SEC. 3325. LOCAL APPLICATIONS; REVIEW CRITERIA.**

20 “(a) LOCAL APPLICATIONS.—Each local educational
 21 agency desiring a grant from a State educational agency
 22 under this subpart shall submit an application to the State
 23 educational agency at such time, in such manner, and ac-
 24 companied by such information, as the State educational
 25 agency may require.

1 “(b) CRITERIA.—The State educational agency, with
 2 the assistance of experts representing education organiza-
 3 tions, shall review applications for grants under this sub-
 4 part on the basis of the following criteria:

5 “(1) AVAILABILITY OF EDUCATIONAL TECH-
 6 NOLOGY INFORMATION.—The degree to which the
 7 local educational agency has made, or plans to make,
 8 the public aware of the use of modern technology in
 9 classrooms, and the amount and quality of profes-
 10 sional development provided to teachers in the use of
 11 educational technology. Factors relevant to the use,
 12 amount, and quality may include—

13 “(A) investments made by the local edu-
 14 cational agency in the professional development
 15 of teachers for improving their mastery and use
 16 of educational technology in each of the 3 years
 17 preceding the year for which the determination
 18 is made;

19 “(B) local standards for advancement or
 20 recertification of teachers that involve edu-
 21 cational technology;

22 “(C) the percentage of teachers in the local
 23 educational agency receiving a significant pro-
 24 fessional development experience in the use of
 25 education technology in each of the 3 years pre-

1 ceding the year for which the determination is
 2 made;

3 “(D) the percentage of elementary schools
 4 and secondary schools served by the local edu-
 5 cational agency that are connected to the Inter-
 6 net; and

7 “(E) the percentage of elementary school
 8 and secondary school classrooms served by the
 9 local educational agency that are connected to
 10 the Internet.

11 “(2) PLANS FOR IMPROVING THE PREPARATION
 12 OF NEW TEACHERS IN THE USE OF EDUCATIONAL
 13 TECHNOLOGY.—The degree to which a local edu-
 14 cational agency has developed or plans to develop
 15 the following:

16 “(A) Higher standards for regular profes-
 17 sional development of teachers in the use of
 18 educational technology.

19 “(B) Expanded opportunities for regular
 20 professional development experiences for teach-
 21 ers in the use of educational technology.

22 “(C) Effective partnerships among the
 23 local educational agency, the schools served by
 24 the local educational agency, and other organi-
 25 zations committed to improving professional de-

1 development for teachers in the use of educational
2 technology.

3 “(D) An appropriate commitment to and
4 investment in the professional development of
5 teachers in the use of educational technology.

6 “(E) Special efforts to provide minority
7 teachers and teachers in schools with high mi-
8 nority student enrollments with access to pro-
9 fessional development opportunities in edu-
10 cational technology.

11 “(F) Innovative approaches by partner-
12 ships described in subparagraph (C) to provide
13 professional development experiences for teach-
14 ers in the use of educational technology that
15 address—

16 “(i) the need for resident technical ex-
17 pertise in every elementary school and sec-
18 ondary school served by the local edu-
19 cational agency;

20 “(ii) the need for professional develop-
21 ment opportunities for all teachers in an
22 elementary school or secondary school
23 served by the local educational agency;

24 “(iii) the need for ongoing technical
25 support for all teachers in an elementary

1 school or secondary school served by the
 2 local educational agency;

3 “(iv) the need for rapid responses that
 4 provide timely professional development op-
 5 portunities following major technological
 6 developments affecting education; and

7 “(v) the need for stable sources of
 8 adequate support for professional develop-
 9 ment.

10 **“SEC. 3326. MAINTENANCE OF EFFORT; SUPPLEMENT NOT**
 11 **SUPPLANT.**

12 “(a) MAINTENANCE OF EFFORT.—A State edu-
 13 cational agency and a local educational agency, in utilizing
 14 the grant funds received under this subpart, shall main-
 15 tain the expenditures of the State educational agency and
 16 local educational agency, respectively, for expanding and
 17 improving the use of technology by inservice teachers at
 18 a level equal to not less than the level of expenditures
 19 maintained by the State educational agency and local edu-
 20 cational agency, respectively, for the fiscal year preceding
 21 the fiscal year for which the grant is received.

22 “(b) SUPPLEMENT NOT SUPPLANT.—Funds appro-
 23 priated under the authority of section 3328 shall be used
 24 to supplement and not supplant other Federal, State, and

1 local public funds expended to expand and improve the
 2 use of technology by inservice teachers.

3 **“SEC. 3327. ADMINISTRATION; PARTICIPATION OF PRIVATE**
 4 **SCHOOL TEACHERS.**

5 “(a) ADMINISTRATION.—The Secretary shall carry
 6 out the program authorized by this subpart through the
 7 Office of Educational Technology in the Office of the Dep-
 8 uty Secretary of the Department of Education.

9 “(b) PARTICIPATION OF PRIVATE SCHOOL TEACH-
 10 ERS.—Private school teachers seeking to participate in ac-
 11 tivities under this part shall be eligible for such partici-
 12 pation in the same manner and to the same extent as private
 13 school teachers are eligible to participate in activities
 14 under this Act.

15 **“SEC. 3328. AUTHORIZATION OF APPROPRIATIONS.**

16 “There are authorized to be appropriated to carry out
 17 this subpart \$40,000,000 for fiscal year 2000, and such
 18 sums as may be necessary for fiscal year 2001.”.

19 **SEC. 302. TEACHER TECHNOLOGY TRAINING.**

20 (a) STATEMENT OF PURPOSE FOR TITLE I.—Section
 21 1001(d)(4) (20 U.S.C. 6301(d)(4)) is amended by insert-
 22 ing “, giving attention to the role technology can play in
 23 professional development and improved teaching and
 24 learning” before the semicolon.

1 (b) SCHOOL IMPROVEMENT.—Section 1116(c)(3) (20
 2 U.S.C. 6317(c)(3)) is amended by adding at the end the
 3 following:

4 “(D) In carrying out professional development
 5 under this paragraph a school shall give attention to
 6 professional development that incorporates tech-
 7 nology used to improve teaching and learning.”.

8 (c) PROFESSIONAL DEVELOPMENT.—Section
 9 1119(b) (20 U.S.C. 6320(b)) is amended—

10 (1) in paragraph (1)—

11 (A) in subparagraph (D), by striking
 12 “and” after the semicolon;

13 (B) in subparagraph (E), by striking the
 14 period and inserting “; and”; and

15 (C) by adding at the end the following:

16 “(F) include instruction in the use of tech-
 17 nology.”; and

18 (2) in paragraph (2)—

19 (A) by striking subparagraph (D); and

20 (B) by redesignating subparagraphs (E)
 21 through (I) as subparagraphs (D) through (H),
 22 respectively.

23 (d) PURPOSES FOR TITLE II.—Section 2002(2) (20
 24 U.S.C. 6602(2)) is amended—

1 (1) in subparagraph (E), by striking “and”
2 after the semicolon;

3 (2) in subparagraph (F), by striking the period
4 and inserting “; and”; and

5 (3) by adding at the end the following:

6 “(G) uses technology to enhance the teach-
7 ing and learning process.”.

8 (e) NATIONAL TEACHER TRAINING PROJECT.—Sec-
9 tion 2103(b)(2) (20 U.S.C. 6623(b)(2)) is amended by
10 adding at the end the following:

11 “(J) Technology.”.

12 (f) LOCAL PLAN FOR IMPROVING TEACHING AND
13 LEARNING.—Section 2208(d)(1)(F) (20 U.S.C.
14 6648(d)(1)(F)) is amended by inserting “, technologies,”
15 after “strategies”.

16 (g) AUTHORIZED ACTIVITIES.—Section
17 2210(b)(2)(C) (20 U.S.C. 6650(b)(2)(C)) is amended by
18 striking “and practices” and inserting “practices, and
19 technology”.

20 (h) HIGHER EDUCATION ACTIVITIES.—Section
21 2211(a)(1)(C) (20 U.S.C. 6651(a)(1)(C)) is amended by
22 inserting “, including technological innovation,” after “in-
23 novation”.

1 **TITLE IV—MISCELLANEOUS**
 2 **PROVISIONS**

3 **SEC. 401. NEW PART.**

4 (a) IN GENERAL.—Title III (20 U.S.C. 6801 et seq.)
 5 is amended by adding at the end the following:

6 “PART D—REGIONAL, STATE, AND LOCAL
 7 EDUCATIONAL TECHNOLOGY RESOURCES

8 “Subpart 1—Technology Literacy Challenge Fund

9 **“SEC. 3411. PURPOSE.**

10 “It is the purpose of this subpart to increase the ca-
 11 pacity of State and local educational agencies to improve
 12 student achievement, particularly that of students in high-
 13 poverty, low-performing schools, by supporting State and
 14 local efforts that—

15 “(1) make effective use of new technologies and
 16 technology applications, networks, and electronic
 17 learning resources;

18 “(2) utilize research-based teaching practices
 19 that are linked to advanced technologies; and

20 “(3) promote sustained and intensive, high-
 21 quality professional development that increases
 22 teacher capacity to create improved learning environ-
 23 ments through the integration of educational tech-
 24 nology into instruction.”.

1 (b) REDESIGNATIONS.—Sections 3131, 3132, 3133,
 2 3134, and 3135 (20 U.S.C. 6841, 6842, 6843, 6844, and
 3 6845) are redesignated as sections 3412, 3413, 3414,
 4 3415, and 3416, respectively.

5 (c) DEFINITIONS; AUTHORIZATION OF APPROPRIA-
 6 TIONS.—

7 (1) DEFINITIONS.—Title III (20 U.S.C. 6801
 8 et seq.) is amended by adding after section 3416 (as
 9 redesignated by subsection (b)) the following:

10 **“SEC. 3417. DEFINITIONS.**

11 “In this subpart—

12 “(1) the term ‘eligible local applicant’ means—

13 “(A) a local educational agency that, as
 14 determined by the State educational agency,—

15 “(i) is among the local educational
 16 agencies in the State with the highest
 17 numbers or percentages of children from
 18 households living in poverty;

19 “(ii) includes one or more low-per-
 20 forming schools; and

21 “(iii) has a substantial need for as-
 22 sistance in acquiring and using technology;
 23 or

24 “(B) a partnership that includes at least
 25 one local educational agency that meets the re-

1 quirements of subparagraph (A) and at least
2 one—

3 “(i) local educational agency that can
4 demonstrate that teachers in schools
5 served by that agency are using technology
6 effectively in their classrooms;

7 “(ii) institution of higher education;

8 “(iii) for-profit organization that de-
9 velops, designs, manufactures, or produces
10 technology products or services, or has
11 substantial expertise in the application of
12 technology; or

13 “(iv) public or private non-profit orga-
14 nization with demonstrated experience in
15 the application of educational technology;
16 and

17 “(2) the term ‘low-performing school’ means a
18 school—

19 “(A) identified by the local educational
20 agency for school improvement under section
21 1116(c) of this Act; or

22 “(B) in which a substantial majority of
23 students fail to meet State performance stand-
24 ards based on State or local assessments that
25 are aligned to the performance standards.

1 **“SEC. 3418. AUTHORIZATION OF APPROPRIATIONS.**

2 “For purposes of carrying out this subpart, there are
3 authorized to be appropriated such sums as may be nec-
4 essary for fiscal year 2001 and for each of the four suc-
5 ceeding fiscal years.”.

6 **SEC. 402. CONFORMING AND OTHER AMENDMENTS.**

7 (a) REPEALS.—Sections 3136 and 3137 (20 U.S.C.
8 6846 and 6847) are repealed.

9 (b) CONFORMING AMENDMENTS.—Title III (20
10 U.S.C. 6801 et seq.) is amended—

11 (1) in section 3221(a) (as redesignated by sec-
12 tion 201(b)(2)) by striking “section 3302(b)” and
13 inserting “section 3222(b)”;

14 (2) in section 3223(2) (as redesignated by sec-
15 tion 201(b)(2)) by striking “part” each place it ap-
16 pears and inserting “subpart”;

17 (3) in section 3224 (as redesignated by section
18 201(b)(2)) by striking “section 3301 or 3303” and
19 inserting “section 3221 or 3223”;

20 (4) in section 3225 (as redesignated by section
21 201(b)(2))—

22 (A) in subsection (a), by striking “section
23 3201” and inserting “section 3221”; and

24 (B) in subsection (b)—

1 (i) in paragraph (1), by striking “sec-
 2 tion 3302(a); and” and inserting “section
 3 3222(a); and”; and

4 (ii) in paragraph (2), by striking “sec-
 5 tion 3303(3),” and inserting “section
 6 3223(3),”;

7 (5) in section 3226 (as redesignated by section
 8 201(b)(2)) by striking “section 3302,” and inserting
 9 “section 3222,”;

10 (6) in section 3228 (as redesignated by section
 11 201(b)(2))—

12 (A) in subsection (a)—

13 (i) by striking “part, \$30,000,000 for
 14 fiscal year 1995, and such sums as may be
 15 necessary” and inserting “subpart, such
 16 sums as may be necessary for fiscal year
 17 2001 and”; and

18 (ii) by striking “section 3302.” and
 19 inserting “section 3222”; and

20 (B) in subsection (b), by striking “section
 21 3303(1)(C).” and inserting “section
 22 3223(1)(C).”;

23 (7) in section 3232(a) (as redesignated by sec-
 24 tion 201(b)(2)) in the matter preceding paragraph
 25 (1), by striking “part” and inserting “subpart”;

1 (8) in section 3233 (as redesignated by section
 2 201(b)(2)) by striking out “ \$5,000,000 for the fis-
 3 cal year 1995, and such sums as may be necessary”
 4 and inserting “subpart, such sums as may be nec-
 5 essary for fiscal year 2001 and”;

6 (9) in section 3412(a) (as redesignated by sec-
 7 tion 401(b))—

8 (A) in paragraph (1), by striking “section
 9 3114(a)(1)(C)” and inserting “section 3418”;
 10 and

11 (B) in paragraph (2), by striking “section
 12 3115(a)(1)(C)” and inserting “section 3418”;

13 (10) in section 3413 (as redesignated by section
 14 401(b))—

15 (A) in subsection (a)(1)—

16 (i) by striking “section 3131,” and in-
 17 serting “section 3412”; and

18 (ii) by striking “section 3133.” and
 19 inserting “section 3414.”; and

20 (B) in subsection (b)(1)(B), by striking
 21 “section 3133;” and inserting “section 3414;”.

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