

FIFTEENTH CONGRESS OF THE REPUBLIC )  
OF THE PHILIPPINES )  
First Regular Session )

SENATE  
OFFICE OF THE SECRETARY

10 JUL 19 10 51

SENATE  
S. No. 1529

RECEIVED BY:                     

Introduced by Senator Miriam Defensor Santiago

#### EXPLANATORY NOTE

The Constitution, Article II, Section 20 provides that:

SEC. 20. The State recognizes the indispensable role of the private sector, encourages private enterprise and provides incentives to needed investments.

Information technology is one of the fastest rising industries in our country. In many countries around the world they have started using and encouraging the use of this technology to improve the quality and efficiency of their education system. It is clear that the Internet is one of the most fashionable areas of computing. It is affecting all subjects in Higher Education, not only altering teaching opportunities because of its new perspectives on communication and dissemination, but also opening up exciting new resources for students and lecturers alike. The Internet provides academics with an opportunity to make their teaching better, to allow them to teach in different ways to the standard one-to-many lecture, and to reach more students. Simply put, it allows for the 'maximization' of learning.

This bill mandates the Department of Education to work with private institutions to accelerate the development of information technology to assist and improve the methods of teaching and our education system in general. By providing grants to eligible consortia, the government can not only promote the development of this technology but also encourage private sector participation.<sup>1</sup>

*Miriam Defensor Santiago*  
MIRIAM DEFENSOR SANTIAGO

<sup>1</sup> This bill was originally filed in the Fourteenth Congress, Second Regular Session

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SENATE  
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1 AN ACT  
2 TO AUTHORIZE A PROGRAM TO PREPARE TEACHERS FOR DIGITAL AGE  
3 LEARNERS

4 *Be it enacted by the Senate and the House of representatives of the Philippines in*  
5 *Congress assembled:*

6 SECTION 1. *Short Title.* – This Act shall be known as the “Preparing Teachers for  
7 Digital Age Learners Act of 2008.”

8 SECTION 2. *Definition of Terms.* – For purposes of this Act, the term:

9 A. ARTS AND SCIENCES- means--

- 10 1. when referring to an organizational unit of an institution of higher  
11 education, any academic unit that offers 1 or more academic majors in  
12 disciplines or content areas corresponding to the academic subject  
13 matter areas in which teachers provide instruction; and  
14 2. when referring to a specific academic subject area, the disciplines or  
15 content areas in which academic majors are offered by the arts and  
16 sciences organizational unit.

17 B. HIGH-NEED SCHOOL- means a public elementary school or public  
18 secondary school that--

- 19 1. is among the highest 25 percent of schools served by the local  
20 educational agency that serves the school, in terms of the percentage of  
21 students from families with incomes below the poverty line; or  
22 2. is designated with a school locale code of Rural: Fringe, Rural:  
23 Distant, or Rural: Remote, as determined by the Secretary.

1 C. POVERTY LINE- means the poverty line as determined by the Department of  
2 Social Welfare and Development and applicable to a family of the size  
3 involved.

4 D. SECRETARY - means Secretary of Education

5 E. ELIGIBLE CONSORTIUM- a consortium of members that includes the  
6 following:

7 1. At least one institution of higher education that awards baccalaureate or  
8 masters degrees and prepares teachers for initial entry into teaching.

9 2. At least one national educational agency or local educational agency.

10 3. A department, school, or college of education at an institution of higher  
11 education.

12 4. A department, school, or college of arts and sciences at an institution of  
13 higher education.

14 5. At least one entity with the capacity to contribute to the technology-related  
15 reform of teacher preparation programs, which may be a professional  
16 association, foundation, museum, library, for-profit business, public or  
17 private nonprofit organization, community-based organization, or other  
18 entity.

19 SECTION 3. *Program Authority.* – The Secretary is authorized to award grants to, or  
20 enter into contracts or cooperative agreements with, eligible consortia to pay the Federal share of  
21 the costs of projects to:

22 A. graduate teacher candidates who are prepared to use modern information,  
23 communication, and learning tools to--

24 1. improve student learning, assessment, and learning management; and

25 2. help students develop skills to succeed in higher education and enter the  
26 workforce; and

1 B. strengthen and develop partnerships among the stakeholders in teacher preparation to  
2 transform teacher education and ensure technology rich learning environments  
3 throughout a teacher candidate's pre-service education, including clinical experiences.

4 SECTION 4. *Duration.* – A grant, contract, or cooperative agreement under this part:

5 A. shall be for a 3-year period; and

6 B. may be renewed for one additional year.

7 SECTION 5. *Non-Government Share Requirement.* – The government share of the cost  
8 of any project funded under this part shall not exceed 75 percent. The non-government share of  
9 the cost of such project may be provided in cash or in kind, fairly evaluated, including services.

10 SECTION 6. *Use of Funds.* – An eligible consortium that receives a grant or enters into a  
11 contract or cooperative agreement under this part shall use funds made available under this part  
12 to carry out a project that:

13 A. develops long-term partnerships among members of the consortium that are focused  
14 on effective teaching with modern digital tools and content that substantially connect  
15 pre-service preparation of teacher candidates with high-needs schools; or

16 B. transforms the way departments, schools, and colleges of education teach classroom  
17 technology integration, including the principles of universal design, to teacher  
18 candidates.

19 SECTION 7. *Uses of Funds for Partnership Grants.* – In carrying out a project under  
20 Section 7 (A), an eligible consortium shall:

21 A. provide teacher candidates, early in their preparation, with field experiences in  
22 educational settings with technology;

23 B. build the skills of teacher candidates to support technology-rich instruction,  
24 assessment and learning management in content areas, technology literacy, an  
25 understanding of the principles of universal design, and the development of other  
26 skills for success in higher education and for entering the workforce;

- 1 C. provide professional development in the use of technology for teachers,  
2 administrators, and content specialists who participate in field placement;
- 3 D. provide professional development of technology pedagogical skills for faculty of  
4 departments, schools, and colleges of education and arts and sciences;
- 5 E. implement strategies for the mentoring of teacher candidates with respect to  
6 technology implementation by members of the consortium;
- 7 F. evaluate teacher candidates during the first years of teaching to fully assess outcomes  
8 of the project;
- 9 G. build collaborative learning communities for technology integration within the  
10 consortium to sustain meaningful applications of technology in the classroom during  
11 teacher preparation and early career practice; and
- 12 II. evaluate the effectiveness of the project.

13 SECTION 8. *Uses of Funds for Transformation Grants.* – In carrying out a project under  
14 Section 7 (B), an eligible consortium shall:

- 15 A. redesign curriculum to require collaboration between the department, school, or  
16 college of education faculty and the department, school, or college of arts and  
17 sciences faculty who teach content or methods courses for training teacher  
18 candidates;
- 19 B. collaborate between the department, school, or college of education faculty and the  
20 department, school, or college of arts and science faculty and academic content  
21 specialists at the local educational agency to educate pre-service teachers who can  
22 integrate technology and pedagogical skills in content areas;
- 23 C. collaborate between the department, school, or college of education faculty and the  
24 department, school, or college of arts and sciences faculty who teach courses to pre-  
25 service teachers to--
  - 26 1. develop and implement a plan for pre-service teachers and continuing  
27 educators that demonstrates effective instructional strategies and application

1 of such strategies in the use of digital tools to transform the teaching and  
2 learning process; and

3 2. better reach underrepresented pre-service teacher populations with programs  
4 that connect such pre-service teacher populations with applications of  
5 technology;

6 D. collaborate among faculty and students to create and disseminate case studies of  
7 technology applications in classroom settings with a goal of improving student  
8 achievement in high-need schools;

9 E. provide additional technology resources for pre-service teachers to plan and  
10 implement technology applications in classroom settings that provide evidence of  
11 student learning; and

12 F. bring together expertise from departments, schools, or colleges of education, arts and  
13 science faculty, and academic content specialists at the local educational agency to  
14 share and disseminate technology applications in the classroom through teacher  
15 preparation and into early career practice.

16 SECTION 9. *Application Requirements.* -- To be eligible to receive a grant or enter into a  
17 contract or cooperative agreement under this part, an eligible consortium shall submit an  
18 application to the Secretary at such time, in such manner, and containing such information as the  
19 Secretary may require. Such application shall include the following:

20 A. A description of the project to be carried out with the grant, including how the project  
21 will--

- 22 1. develop a long-term partnership focused on effective teaching with modern  
23 digital tools and content that substantially connects pre-service preparation of  
24 teacher candidates with high-need schools; or  
25 2. transform the way departments, schools, and colleges of education teach  
26 classroom technology integration, including the principles of universal design,  
27 to teacher candidates.

28 B. A demonstration of--

1           1. the commitment, including the financial commitment, of each of the members  
2           of the consortium for the proposed project; and

3           2. the support of the leadership of each organization that is a member of the  
4           consortium for the proposed project.

5           C. A description of how each member of the consortium will participate in the project.

6           D. A description of how the national or local educational agency will incorporate the  
7           project into the agency's technology plan, if such a plan already exists.

8           E. A description of how the project will be continued after government funds are no  
9           longer available under this part for the project.

10          F. A description of how the project will incorporate--

11           1. Government teacher technology standards; and

12           2. Government student technology standards.

13          G. A plan for the evaluation of the project, which shall include benchmarks to monitor  
14          progress toward specific project objectives.

15          SECTION 10. *Evaluation.* – Not less than 10 percent of the funds awarded to an eligible  
16          consortium to carry out a project under this part shall be used to evaluate the effectiveness of  
17          such project.

18          SECTION 11. *Appropriations.* – To carry out the provisions of this Act, such amount as  
19          hereby necessary is hereby authorized to be appropriated from the National Treasury.

20          SECTION 12. *Separability Clause.* – If any provision or part hereof, is held invalid or  
21          unconstitutional, the remainder of the law or the provision not otherwise affected shall remain  
22          valid and subsisting.

23          SECTION 13. *Repealing Clause.* – Any law, presidential decree or issuance, executive  
24          order, letter of instruction, administrative order, rule or regulation contrary to or is inconsistent  
25          with the provision of this Act is hereby repealed, modified, or amended accordingly.

1 SECTION 14. *Effectivity Clause.* – This Act shall take effect fifteen (15) days after its  
2 publication in at least two (2) newspapers of general circulation.

3 Approved,

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