

Republic of the Philippines  
HOUSE OF REPRESENTATIVES  
Quezon City, Metro Manila

EIGHTEENTH CONGRESS  
First Regular Session

HOUSE BILL NO. 5806



Introduced by **ANG PROBINSYANO**  
Party-List Representative Alfred Delos Santos

### EXPLANATORY NOTE

1 Technology has revolutionized our way of life in every way imaginable. In fact,  
2 it even revolutionized our economies in such a way that the speed of information  
3 determines a country's place in what can be called *the knowledge economy*.  
4 Technology has made a whole sea of information readily available at our fingertips -  
5 largely thanks to the Internet. Almost any piece of vital information can be accessed  
6 within a few taps or clicks. From obscure trivia to related literature, this has raised  
7 a generation of Filipinos that is adept at utilizing technology to better accomplish the  
8 tasks presented to them.

9  
10 Given the monumental impact of technology, it is only natural that we as a  
11 society should seek to integrate technology into our school systems. This means  
12 incorporating technology so that issues regarding access, quality, and relevance of  
13 education can be sufficiently addressed in new, innovative ways.

14  
15 Thus, the State should endeavor to develop a national educational technology  
16 policy. We should be futurists when it comes to education. When everyone else sees  
17 a flat line, the futurist sees the curve. Through this piece of legislation, students shall  
18 be taught information and communication technology basics, digital citizenship, and  
19 digital productivity and creativity. With the ever-evolving needs of the modern  
20 economy, the State should take the initiative and set the pace.

  
**ALFRED C. DELOS SANTOS**  
Representative, Ang Probinsyano Party List

Republic of the Philippines  
HOUSE OF REPRESENTATIVES  
Quezon City, Metro Manila

EIGHTEENTH CONGRESS  
First Regular Session

HOUSE BILL NO. 5806

Introduced by **ANG PROBINSYANO**  
Party-List Representative Alfred Delos Santos

AN ACT  
CREATING THE SCHOOLS OF THE FUTURE DRIVEN BY INFORMATION AND  
COMMUNICATION TECHNOLOGY - TRANSFORMED EDUCATION, AND  
APPROPRIATING FUNDS THEREOF

*Be it enacted by the Senate and House of Representatives of the Philippines in  
Congress assembled:*

1 SECTION 1. *Short Title.* – This Act shall be known as the “Teknolohiya Sa  
2 Edukasyon Act.”  
3

4 SECTION 2. *Declaration of Policy.* – The State gives the highest priority to  
5 quality and relevant education and shall take the appropriate steps to make such  
6 education accessible to all. Towards this end, the State shall harness all its  
7 resources, including technological knowledge and skills, in order to facilitate the  
8 learning process to enhance the performance of both students and teachers alike.  
9

10 SECTION 3. *Objectives.* – This Act aims to:  
11

- 12 a) Allow students to gain access to quality education from premier learning  
13 institutions and the vast sea of academic resources available online;  
14  
15 b) Provide students a more economic but effective alternative to traditional  
16 means of formal education;  
17  
18 c) Provide equal opportunities for access to quality education, irrespective of  
19 socio-economic status;  
20  
21 d) Prepare the present generation of youth to the emerging social shift to  
22 knowledge-based and innovation-driven economy spurred by unprecedented  
23 technological advancements; and  
24  
25 e) Enable students and teachers to adopt current technological breakthroughs  
26 to enhance and elevate the teaching-learning process in any form of education.  
27

28 SECTION 4. *Creation of the Office of Educational Technology.* - There shall be  
29 created an Office of Educational Technology under the Department of Education  
30 (DepEd), hereon referred to in this Act as the Office, to oversee the implementation  
31 and realization of the directives as set forth in this Act. The Office shall develop the



1 national educational technology policy and shall establish the vision for how  
2 technology can be used to transform teaching and learning and how to make  
3 everywhere, all-the-time learning possible for early learners through K-12, higher  
4 education, and adult education  
5

6 The Office shall be composed of a Director for Educational Technology, a  
7 Deputy Director for Educational Technology; and Three Senior Policy Advisors. The  
8 Director for Educational Technology shall have the rank of an Undersecretary and  
9 the Deputy Director For Educational Technology shall have the rank of an Assistant  
10 Secretary. All of these officers comprising the Office shall be appointed by the  
11 President.  
12

13 SECTION 5. *Functions of the Office of Educational Technology.* – The Office  
14 shall have the following functions:  
15

- 16 a) Promote equity of access to transformational learning experiences enabled by  
17 technology;  
18
- 19 b) Support personalized professional learning for teachers and educators;  
20
- 21 c) Encourage school leaders to develop and enable visionary leadership for  
22 teachers on Information and Communication Technology in the classroom and  
23 the school;  
24
- 25 d) Ensure that students and learning institutions are connected to broadband  
26 internet in their classrooms and have access to high-quality, and affordable  
27 digital learning resources at school and at home;  
28
- 29 e) Foster a robust ecosystem of educators and innovators; and  
30
- 31 f) Lead cutting-edge research to provide new types of evidence and to customize  
32 and improve learning.  
33

34 SECTION 6. *Program Structure.* – The DepEd through the Office shall create a  
35 program for schools to ably use technology in the classrooms to meet the objectives  
36 of this Act.  
37

- 38 a) *Training of teaching instructors.* – To ensure that teachers are equipped with  
39 the right competencies and skills, the Office shall formulate and implement  
40 teaching and professional development programs to develop computer skills,  
41 inculcation of technology in instructional aids, and other programs for the  
42 development of necessary aptitudes and competencies that will enable them  
43 to effectively and efficiently learners achieve the competencies and learning  
44 goals set. As such, teachers shall likewise be regularly taught of education  
45 technology courses to properly teach the same to the learners.  
46
- 47 b) *Framework.* – To seamlessly integrate Information and Communication  
48 Technology in Education, the Office shall design a framework explaining the  
49 mode and methods of instruction and the assessments given to learners to  
50 test their knowledge of the subject matter.  
51
- 52 c) *Hybrid Intranet Connectivity.* – The Office, in coordination with the Department  
53 of Information and Communications Technology (DICT) and other concerned



1 agencies, shall establish stable and reliable intranet networks in public  
2 schools.

- 3
- 4 d) *Security.* – The Office shall give primary importance to cyber safety and cyber  
5 security training by regularly providing students, teachers, and parents with  
6 trainings through the district and school’s “Responsible Use Policy” to update  
7 them of the current trends in this matter.
- 8
- 9 e) *Information Technology Officers.* – The Office shall require each school division  
10 to have an IT Officer who shall oversee and maintain IT-related issues in the  
11 division while schools shall appoint IT coordinators to maintain IT related  
12 issues in their institutions.
- 13
- 14 f) *Integration.* – To ensure that school divisions and schools are properly  
15 integrating the use of technology, the Office shall have Technology  
16 Instructional Coaches in the division and in each school.
- 17
- 18 g) *Personal computer units.* – Each class shall be provided with laptops or tablet  
19 computers in a ratio of 1:1 per student to facilitate the learning process.
- 20
- 21 h) *Digital Classrooms.* – There shall be a classroom which shall be equipped with  
22 the appropriate tools and devices to allow for digital learning in the classroom.
- 23
- 24 i) *Training programs for Students.* – Public schools shall offer hands-on training  
25 programs such as learning of ICT skills, digital citizenship and safety, digital  
26 productivity and creativity, which can be expanded with the inclusion of  
27 coding, programming, and robotics in the institutions to allow students to  
28 acquire the necessary knowledge and skills for them to fully participate and  
29 interface with mainstream technology.
- 30

31 SECTION 7. *Establishment of the Schools of the Future.* – As far as practicable  
32 under existing conditions and the availability of mainstream technology, all public  
33 schools at the basic education level (K-12) shall incorporate such objectives as stated  
34 in Section 3 of this Act. The DepEd shall regularly carry out the programs, projects,  
35 and initiatives under this Act.

36

37 SECTION 8. *Authority of the Secretary to Enter into Cooperative Arrangements.*  
38 – The Secretary of the Department of Education is hereby granted the authority to  
39 enter into cooperative and collaborative arrangements with the other government  
40 institutions, local government units, and other public or non-profit private entities  
41 for the proper and effective implementation of this Act.

42

43 SECTION 9. *Appropriations.* - The DepEd shall immediately include this Act  
44 in their respective programs, incorporating a budget for the implementation of this  
45 Act, to be included in the Annual Appropriations Act.

46

47 SECTION 10. *Implementing Rules and Regulations.* – The Department of  
48 Education shall formulate and promulgate the implementing rules and regulations  
49 and other issuances as may be necessary to ensure the effective implementation of  
50 the provisions of this Act within sixty (60) days from the approval thereof.

51

52 SECTION 11. *Repealing Clause.* – All laws, decrees, executive orders, and  
53 proclamations, rules and regulations or parts thereof inconsistent with this Act, are  
54 hereby amended or modified accordingly.

1  
2           SECTION 12. *Separability Clause.* – If any provision of this Act is held invalid  
3 or unconstitutional, the remaining parts or provisions not affected shall remain in  
4 full force and effect.  
5

6           SECTION 13. *Effectivity.* – This Act shall take effect fifteen (15) days after its  
7 publication in the Official Gazette or in a newspaper of general circulation.  
8

9           Approved,  
10  
11  
12  
13