

1-1 By: Nelson S.B. No. 2180
1-2 (In the Senate - Filed March 8, 2019; March 21, 2019, read
1-3 first time and referred to Committee on Education; April 11, 2019,
1-4 reported adversely, with favorable Committee Substitute by the
1-5 following vote: Yeas 11, Nays 0; April 11, 2019, sent to printer.)

1-6 COMMITTEE VOTE

	Yea	Nay	Absent	PNV
1-7				
1-8	X			
1-9	X			
1-10	X			
1-11	X			
1-12	X			
1-13	X			
1-14	X			
1-15	X			
1-16	X			
1-17	X			
1-18	X			

1-19 COMMITTEE SUBSTITUTE FOR S.B. No. 2180 By: Campbell

1-20 A BILL TO BE ENTITLED
1-21 AN ACT

1-22 relating to the essential knowledge and skills of the technology
1-23 applications curriculum and the establishment of a computer science
1-24 strategic advisory committee to increase computer science
1-25 instruction and participation in public schools.

1-26 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

1-27 SECTION 1. Section 28.002, Education Code, is amended by
1-28 adding Subsection (c-3) to read as follows:

1-29 (c-3) In adopting the essential knowledge and skills for the
1-30 technology applications curriculum for kindergarten through grade
1-31 eight, the State Board of Education shall adopt essential knowledge
1-32 and skills that include coding, computer programming,
1-33 computational thinking, and cybersecurity. The State Board of
1-34 Education shall review and revise, as needed, the essential
1-35 knowledge and skills of the technology applications curriculum
1-36 every five years to ensure that the curriculum:

1-37 (1) is relevant to student education; and

1-38 (2) aligns with current or emerging professions.

1-39 SECTION 2. Subchapter A, Chapter 28, Education Code, is
1-40 amended by adding Section 28.0181 to read as follows:

1-41 Sec. 28.0181. COMPUTER SCIENCE STRATEGIC ADVISORY
1-42 COMMITTEE. (a) In this section, "advisory committee" means the
1-43 computer science strategic advisory committee established under
1-44 this section.

1-45 (b) The agency shall establish the computer science
1-46 strategic advisory committee to develop and provide
1-47 recommendations for increasing computer science instruction and
1-48 participation in public schools.

1-49 (c) The advisory committee is composed of at least 11
1-50 members. The members must include:

1-51 (1) two members appointed by the governor;

1-52 (2) two members appointed by the lieutenant governor;

1-53 (3) two members appointed by the speaker of the house
1-54 of representatives;

1-55 (4) one member appointed by the chair of the senate
1-56 committee with primary jurisdiction over primary and secondary
1-57 education;

1-58 (5) one member appointed by the chair of the senate
1-59 committee with primary jurisdiction over higher education;

1-60 (6) one member appointed by the chair of the house of

2-1 representatives committee with primary jurisdiction over primary
2-2 and secondary education;

2-3 (7) one member appointed by the chair of the house of
2-4 representatives committee with primary jurisdiction over higher
2-5 education;

2-6 (8) one member appointed by the chair of the State
2-7 Board of Education; and

2-8 (9) any other members added by the advisory committee
2-9 in a manner determined by the committee in the committee's
2-10 discretion.

2-11 (d) In appointing members to the advisory committee, the
2-12 governor, lieutenant governor, and speaker of the house of
2-13 representatives shall coordinate appointments to ensure that the
2-14 six individuals appointed to the advisory committee collectively by
2-15 those officers include:

2-16 (1) three educators who teach in a public school and
2-17 are certified in computer science;

2-18 (2) one parent or person standing in parental relation
2-19 to a student enrolled in a public school;

2-20 (3) one person employed in the technology industry;
2-21 and

2-22 (4) one faculty member of an institution of higher
2-23 education.

2-24 (e) The governor shall designate a member of the advisory
2-25 committee as the presiding officer of the advisory committee to
2-26 serve in that capacity at the pleasure of the governor.

2-27 (f) The advisory committee may hold public meetings.

2-28 (g) Members of the advisory committee are not entitled to
2-29 compensation but are entitled to reimbursement for actual and
2-30 necessary expenses incurred in fulfilling committee duties.

2-31 (h) Staff members of the agency shall provide
2-32 administrative support for the advisory committee.

2-33 (i) Funding for the administrative and operational expenses
2-34 of the advisory committee shall be provided by appropriation to the
2-35 agency for that purpose.

2-36 (j) Not later than September 1, 2020, the advisory committee
2-37 shall submit to the governor and the legislature a report that
2-38 includes recommended changes to state law, including funding
2-39 proposals and timelines for the implementation of the recommended
2-40 changes. The report shall include recommendations that are
2-41 intended to:

2-42 (1) increase the number of certified computer science
2-43 teachers;

2-44 (2) increase the number of public high schools
2-45 offering computer science courses;

2-46 (3) increase the number of high school students
2-47 enrolled in computer science courses;

2-48 (4) encourage the enrollment of diverse student
2-49 populations in computer science courses; and

2-50 (5) expand computer science learning opportunities,
2-51 including computer programming, computer coding, cybersecurity,
2-52 and computational thinking, in public schools.

2-53 (k) The advisory committee is abolished and this section
2-54 expires January 1, 2021.

2-55 SECTION 3. Not later than December 31, 2022, the State Board
2-56 of Education shall review and revise, as needed, the essential
2-57 knowledge and skills of the technology applications curriculum as
2-58 required by Section 28.002(c-3), Education Code, as added by this
2-59 Act.

2-60 SECTION 4. As soon as practicable after the effective date
2-61 of this Act, the appropriate persons, as provided by Section
2-62 28.0181(c), Education Code, as added by this Act, shall appoint
2-63 members to the computer science strategic advisory committee.

2-64 SECTION 5. The Texas Education Agency is required to
2-65 implement a provision of this Act only if the legislature
2-66 appropriates money specifically for that purpose. If the
2-67 legislature does not appropriate money specifically for that
2-68 purpose, the Texas Education Agency may, but is not required to,
2-69 implement a provision of this Act using other appropriations

3-1 available for that purpose.

3-2 SECTION 6. This Act takes effect immediately if it receives
3-3 a vote of two-thirds of all the members elected to each house, as
3-4 provided by Section 39, Article III, Texas Constitution. If this
3-5 Act does not receive the vote necessary for immediate effect, this
3-6 Act takes effect September 1, 2019.

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