

# SENATE BILL No. 172

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## DIGEST OF INTRODUCED BILL

**Citations Affected:** IC 20-20-45; IC 20-28-2-6; IC 20-30-5.

**Synopsis:** Computer science curriculum. Establishes the next level computer science grant program (program) and the next level computer science fund (fund) to award grants, after June 30, 2019, to eligible entities to implement teacher professional development programs for training in teaching computer science. Requires the state board of education to: (1) administer the program and fund; and (2) develop guidelines to award grants from the fund to eligible entities. Requires (beginning July 1, 2021) each public school, including a charter school, to offer a computer science course as a one semester elective course in its curriculum at least once each school year to high school students. Requires (beginning July 1, 2021) each public school, including a charter school, to include computer science in the public school's curriculum for students in kindergarten through grade 12. Makes conforming changes. Makes a continuing appropriation.

**Effective:** Upon passage.

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January 8, 2018, read first time and referred to Committee on Education and Career Development.

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Second Regular Session 120th General Assembly (2018)

PRINTING CODE. Amendments: Whenever an existing statute (or a section of the Indiana Constitution) is being amended, the text of the existing provision will appear in this style type, additions will appear in **this style type**, and deletions will appear in ~~this style type~~.

Additions: Whenever a new statutory provision is being enacted (or a new constitutional provision adopted), the text of the new provision will appear in **this style type**. Also, the word **NEW** will appear in that style type in the introductory clause of each SECTION that adds a new provision to the Indiana Code or the Indiana Constitution.

Conflict reconciliation: Text in a statute in *this style type* or ~~this style type~~ reconciles conflicts between statutes enacted by the 2017 Regular Session of the General Assembly.

## SENATE BILL No. 172

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A BILL FOR AN ACT to amend the Indiana Code concerning education and to make an appropriation.

*Be it enacted by the General Assembly of the State of Indiana:*

- 1 SECTION 1. IC 20-20-45 IS ADDED TO THE INDIANA CODE  
2 AS A **NEW** CHAPTER TO READ AS FOLLOWS [EFFECTIVE  
3 UPON PASSAGE]:  
4 **Chapter 45. Next Level Computer Science Program**  
5 **Sec. 1. As used in this chapter, "eligible entity" means:**  
6 **(1) a postsecondary educational institution; or**  
7 **(2) any organization that provides a nationally recognized and**  
8 **high quality professional development training program in**  
9 **computer science education.**  
10 **Sec. 2. As used in this chapter, "fund" refers to the next level**  
11 **computer science fund established by section 7 of this chapter.**  
12 **Sec. 3. As used in this chapter, "postsecondary educational**  
13 **institution" refers to any state educational institution (as defined**  
14 **in IC 21-7-13-32) or private postsecondary educational institution**  
15 **that receives state or federal funds.**  
16 **Sec. 4. As used in this chapter, "program" refers to the next**  
17 **level computer science grant program established by section 5 of**



- 1 this chapter.
- 2       **Sec. 5.** The next level computer science grant program is  
 3 established to provide grants to eligible entities to develop and  
 4 implement high quality teacher professional development  
 5 programs.
- 6       **Sec. 6.** The state board shall develop guidelines to award grants,  
 7 after June 30, 2019, to eligible entities. The guidelines developed by  
 8 the state board must include:
- 9           (1) the ability of an eligible entity to provide effective training  
 10 for a teacher who does not have previous exposure to teaching  
 11 computer science;
- 12           (2) the ability of an eligible entity to implement effective  
 13 practices for providing professional development in computer  
 14 science that include:
- 15               (A) the eligible entity's ability to provide a teacher with  
 16 practical training in teaching computer science that is  
 17 founded on evidence based research; and
- 18               (B) the eligible entity's ability to tailor the professional  
 19 development program to the needs of the teacher and the  
 20 students the teacher serves; and
- 21           (3) any other criteria the state board considers relevant.
- 22       **Sec. 7.** The next level computer science fund is established. The  
 23 state board must use money in the fund to provide grants from the  
 24 fund to eligible entities to develop and implement high quality  
 25 teacher professional development programs.
- 26       **Sec. 8. (a)** The fund consists of the following:
- 27           (1) Appropriations from the general assembly.  
 28           (2) Gifts to the fund.  
 29           (3) Grants, including grants from private entities.  
 30           (4) Other state funds that are transferred to the fund.
- 31       (b) The expenses of administering the fund shall be paid from  
 32 money in the fund.
- 33       (c) The treasurer of state shall invest the money in the fund not  
 34 currently needed to meet the obligations of the fund in the same  
 35 manner as other public money may be invested. Interest that  
 36 accrues from these investments shall be deposited into the fund.
- 37       **Sec. 9.** Money in the fund is continuously appropriated for the  
 38 purposes of the fund.
- 39       **Sec. 10.** The state board shall administer the program and fund.
- 40       **Sec. 11.** Unexpended money appropriated to or otherwise  
 41 available in the fund at the end of the state fiscal year reverts to the  
 42 state general fund.



1        **Sec. 12. Notwithstanding any other law or policy to the**  
 2 **contrary, before September 30, 2018, the executive director of the**  
 3 **state board appointed under IC 20-19-2-2.1 shall enter into a**  
 4 **contract with an organization that provides a nationally recognized**  
 5 **training program for professional development in computer**  
 6 **science education from early learning through postsecondary**  
 7 **education.**

8        **Sec. 13. Beginning July 1, 2019, an eligible entity may apply to**  
 9 **the state board to receive a grant from the fund on a form provided**  
 10 **by the state board.**

11        SECTION 2. IC 20-28-2-6, AS AMENDED BY P.L.20-2017,  
 12 SECTION 1, IS AMENDED TO READ AS FOLLOWS [EFFECTIVE  
 13 UPON PASSAGE]: Sec. 6. (a) Subject to subsection (c) and in addition  
 14 to the powers and duties set forth in this article, the state board may  
 15 adopt rules under IC 4-22-2 to do the following:

- 16        (1) Set standards for teacher licensing and for the administration  
 17 of a professional licensing and certification process by the  
 18 department.  
 19        (2) Approve or disapprove teacher preparation programs.  
 20        (3) Set fees to be charged in connection with teacher licensing.  
 21        (4) Suspend, revoke, or reinstate teacher licenses.  
 22        (5) Enter into agreements with other states to acquire reciprocal  
 23 approval of teacher preparation programs.  
 24        (6) Set standards for teacher licensing concerning new subjects of  
 25 study.  
 26        (7) Evaluate work experience and military service concerning  
 27 postsecondary education and experience equivalency.  
 28        (8) Perform any other action that:  
 29            (A) relates to the improvement of instruction in the public  
 30 schools through teacher education and professional  
 31 development through continuing education; and  
 32            (B) attracts qualified candidates for teacher education from  
 33 among the high school graduates of Indiana.  
 34        (9) Set standards for endorsement of school psychologists as  
 35 independent practice school psychologists under IC 20-28-12.  
 36        (10) Before July 1, 2011, set standards for sign language  
 37 interpreters who provide services to children with disabilities in  
 38 an educational setting and an enforcement mechanism for the  
 39 interpreter standards.  
 40        **(11) Set standards and provide for the administration of the**  
 41 **next level computer science program established by**  
 42 **IC 20-20-45.**



1 (b) Notwithstanding subsection (a)(1), an individual is entitled to  
 2 one (1) year of occupational experience for purposes of obtaining an  
 3 occupational specialist certificate under this article for each year the  
 4 individual holds a license under IC 25-8-6.

5 (c) The state board shall adopt rules under IC 4-22-2, including  
 6 emergency rules under IC 4-22-2-37.1, to establish procedures to  
 7 expedite the issuance, renewal, or reinstatement under this article of a  
 8 license or certificate of a person whose spouse serves on active duty (as  
 9 defined in IC 25-1-12-2) and is assigned to a duty station in Indiana.

10 SECTION 3. IC 20-30-5-7, AS AMENDED BY P.L.231-2017,  
 11 SECTION 1, IS AMENDED TO READ AS FOLLOWS [EFFECTIVE  
 12 UPON PASSAGE]: Sec. 7. (a) Each school corporation shall include  
 13 in the school corporation's curriculum the following studies:

14 (1) Language arts, including:

- 15 (A) English;
- 16 (B) grammar;
- 17 (C) composition;
- 18 (D) speech; and
- 19 (E) second languages.

20 (2) Mathematics.

21 (3) Social studies and citizenship, including the:

- 22 (A) constitutions;
- 23 (B) governmental systems; and
- 24 (C) histories;

25 of Indiana and the United States, including a study of the  
 26 Holocaust in each high school United States history course.

27 (4) Sciences, **including, after June 30, 2021, computer science.**

28 (5) Fine arts, including music and art.

29 (6) Health education, physical fitness, safety, and the effects of  
 30 alcohol, tobacco, drugs, and other substances on the human body.

31 (7) Additional studies selected by each governing body, subject  
 32 to revision by the state board.

33 (b) Each:

- 34 (1) school corporation;
- 35 (2) charter school; and
- 36 (3) accredited nonpublic school;

37 shall offer the study of ethnic and racial groups as a one (1) semester  
 38 elective course in its high school curriculum at least once every school  
 39 year.

40 (c) The course described in subsection (b) may be offered by the  
 41 school corporation, charter school, or accredited nonpublic school  
 42 through a course access program administered by the department.



1           SECTION 4. IC 20-30-5-23 IS ADDED TO THE INDIANA CODE  
2 AS A NEW SECTION TO READ AS FOLLOWS [EFFECTIVE  
3 UPON PASSAGE]: **Sec. 23. (a) After June 30, 2021, each public**  
4 **school, including a charter school, shall offer at least one (1)**  
5 **computer science course as a one (1) semester elective in the public**  
6 **school's curriculum at least once each school year for high school**  
7 **students.**  
8           **(b) After June 30, 2021, each charter school shall include**  
9 **computer science in the charter school's science curriculum for**  
10 **students in kindergarten through grade 12.**  
11           SECTION 5. An emergency is declared for this act.

