SENATE BILL No. 172

DIGEST OF SB 172 (Updated January 17, 2018 6:37 pm - DI 110)

Citations Affected: IC 20-20; IC 20-30.

Synopsis: Computer science. 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 department of education (department) to: (1) administer the program and fund; and (2) develop, in consultation with the governor's office, guidelines to award grants from the fund to eligible entities. Requires, not later than August 1, 2018, the state superintendent of public instruction to enter into a contract for professional development services. Requires the department to biannually submit a progress report to the governor regarding the: (1) development and administration of the program and fund; and (2) status of public schools in meeting computer science curriculum requirements. Provides that, if the department does not comply with the requirements regarding the program and fund, the state board of education shall assume the department's duties. Requires (beginning July 1, 2021) each public 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 to include computer science in the public school's science curriculum for students in kindergarten through grade 12. Makes a continuing appropriation.

Effective: Upon passage.

Raatz, Kruse, Leising, Freeman

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

January 18, 2018, amended, reported favorably — Do Pass; reassigned to Committee on Appropriations.

SB 172—LS 6969/DI 129

Second Regular Session 120th General Assembly (2018)

SENATE BILL No. 172

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**

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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 in computer science.

6 Sec. 6. The department, in consultation with the governor's
7 office, shall develop guidelines to award grants, after June 30,
8 2019, to eligible entities. The guidelines developed by the
9 department must include:

10 (1) the ability of an eligible entity to provide effective training
11 for a teacher who does not have previous exposure to teaching
12 computer science;

13 (2) the ability of an eligible entity to implement effective
14 practices for providing professional development in computer
15 science that include:

16 (A) the eligible entity's ability to provide a teacher with
17 practical training in teaching computer science that is
18 founded on evidence based research; and

19 (B) the eligible entity's ability to tailor the professional
20 development program to the needs of the teacher and the
21 students the teacher serves; and

22 (3) any other criteria the department considers relevant.

23 Sec. 7. The next level computer science fund is established. The
24 department must use money in the fund to provide grants from the
25 fund to eligible entities to develop and implement high quality
26 teacher professional development programs in computer science.

27 Sec. 8. (a) The fund consists of the following:

28 (1) Appropriations from the general assembly.

29 (2) Gifts to the fund.

30 (3) Grants, including grants from private entities.

31 (4) Other state funds that are transferred to the fund.

32 (b) The expenses of administering the fund shall be paid from
33 money in the fund.

34 (c) The treasurer of state shall invest the money in the fund not
35 currently needed to meet the obligations of the fund in the same
36 manner as other public money may be invested. Interest that
37 accrues from these investments shall be deposited into the fund.

38 Sec. 9. Money in the fund is continuously appropriated for the
39 purposes of the fund.

40 Sec. 10. The department shall administer the program and fund.

41 Sec. 11. Unexpended money appropriated to or otherwise
42 available in the fund at the end of the state fiscal year reverts to the

1   **state general fund.**
2   **Sec. 12. Notwithstanding any other law or policy to the**
3   **contrary, before August 1, 2018, the state superintendent of public**
4   **instruction shall enter into a contract for professional development**
5   **services with an organization that provides a nationally recognized**
6   **training program for professional development in computer**
7   **science education from early learning through postsecondary**
8   **education.**
9   **Sec. 13. Beginning July 1, 2019, an eligible entity may apply to**
10   **the department to receive a grant from the fund on a form**
11   **provided by the department.**
12   **Sec. 14. The department shall biannually submit to the governor**
13   **a progress report regarding the following:**
14   **(1) The development and administration of the program and**
15   **fund under this chapter.**
16   **(2) The status of public schools in meeting the requirements**
17   **under IC 20-30-5-23.**
18   **The report must be submitted not later than July 15, 2018, and not**
19   **later than July 15 and January 15 each year thereafter.**
20   **Sec. 15. The department may adopt rules under IC 4-22-2 to**
21   **implement this chapter.**
22   **Sec. 16. If the department does not comply with the**
23   **requirements of this chapter, the state board:**
24   **(1) shall assume the duties of the department under this**
25   **chapter; and**
26   **(2) may adopt rules under IC 4-22-2 to implement this**
27   **chapter.**
28   SECTION 2. IC 20-30-5-7, AS AMENDED BY P.L.231-2017,
29   SECTION 1, IS AMENDED TO READ AS FOLLOWS [EFFECTIVE
30   UPON PASSAGE]: Sec. 7. (a) Each school corporation shall include
31   in the school corporation's curriculum the following studies:
32   (1) Language arts, including:
33   (A) English;
34   (B) grammar;
35   (C) composition;
36   (D) speech; and
37   (E) second languages.
38   (2) Mathematics.
39   (3) Social studies and citizenship, including the:
40   (A) constitutions;
41   (B) governmental systems; and
42   (C) histories;

1 of Indiana and the United States, including a study of the
2 Holocaust in each high school United States history course.
3 (4) Sciences, **including, after June 30, 2021, computer science.**
4 (5) Fine arts, including music and art.
5 (6) Health education, physical fitness, safety, and the effects of
6 alcohol, tobacco, drugs, and other substances on the human body.
7 (7) Additional studies selected by each governing body, subject
8 to revision by the state board.
9 (b) Each:
10 (1) school corporation;
11 (2) charter school; and
12 (3) accredited nonpublic school;
13 shall offer the study of ethnic and racial groups as a one (1) semester
14 elective course in its high school curriculum at least once every school
15 year.
16 (c) The course described in subsection (b) may be offered by the
17 school corporation, charter school, or accredited nonpublic school
18 through a course access program administered by the department.
19 SECTION 3. IC 20-30-5-23 IS ADDED TO THE INDIANA CODE
20 AS A **NEW** SECTION TO READ AS FOLLOWS [EFFECTIVE
21 UPON PASSAGE]: **Sec. 23. (a) After June 30, 2021, each public**
22 **school, including each charter school, shall offer at least one (1)**
23 **computer science course as a one (1) semester elective in the public**
24 **school's curriculum at least once each school year for high school**
25 **students.**
26 **(b) After June 30, 2021, each public school, including each**
27 **charter school, shall include computer science in the public school's**
28 **science curriculum for students in kindergarten through grade 12.**
29 **A public high school fulfills the requirements under this subsection**
30 **by meeting the requirements under subsection (a).**
31 **(c) If a public school fails to comply with this section, the**
32 **department shall do the following:**
33 **(1) Assist the public school in meeting the requirements under**
34 **this section.**
35 **(2) Ensure that all public schools meet the requirements**
36 **under this section.**
37 SECTION 4. **An emergency is declared for this act.**

COMMITTEE REPORT

Madam President: The Senate Committee on Education and Career Development, to which was referred Senate Bill No. 172, has had the same under consideration and begs leave to report the same back to the Senate with the recommendation that said bill be AMENDED as follows:

Page 2, line 5, delete "programs." and insert "**programs in computer science.**".

Page 2, line 6, delete "state board" and insert "**department, in consultation with the governor's office,**".

Page 2, line 8, delete "state board" and insert "**department**".

Page 2, line 21, delete "state board" and insert "**department**".

Page 2, line 23, delete "state board" and insert "**department**".

Page 2, line 25, delete "programs." and insert "**programs in computer science.**".

Page 2, line 39, delete "state board" and insert "**department**".

Page 3, line 2, delete "September 30, 2018, the executive director of the" and insert "**August 1, 2018, the state superintendent of public instruction**".

Page 3, line 3, delete "state board appointed under IC 20-19-2-2.1".

Page 3, line 4, after "contract" insert "**for professional development services**".

Page 3, line 9, delete "state board" and insert "**department**".

Page 3, line 10, delete "state board." and insert "**department.**

Sec. 14. The department shall biannually submit to the governor a progress report regarding the following:

> **(1) The development and administration of the program and fund under this chapter.**
>
> **(2) The status of public schools in meeting the requirements under IC 20-30-5-23.**

The report must be submitted not later than July 15, 2018, and not later than July 15 and January 15 each year thereafter.

Sec. 15. The department may adopt rules under IC 4-22-2 to implement this chapter.

Sec. 16. If the department does not comply with the requirements of this chapter, the state board:

> **(1) shall assume the duties of the department under this chapter; and**
>
> **(2) may adopt rules under IC 4-22-2 to implement this chapter.**".

Page 3, delete lines 11 through 42.

Page 4, delete lines 1 through 9.

Page 5, line 4, delete "including a" and insert "**including each**".

Page 5, line 8, delete "charter school" and insert "**public school, including each charter school,**".

Page 5, line 9, delete "charter" and insert "**public**".

Page 5, line 10, after "12." insert "**A public high school fulfills the requirements under this subsection by meeting the requirements under subsection (a).**

(c) If a public school fails to comply with this section, the department shall do the following:

    (1) Assist the public school in meeting the requirements under this section.

    (2) Ensure that all public schools meet the requirements under this section.".

Renumber all SECTIONS consecutively.

and when so amended that said bill do pass and be reassigned to the Senate Committee on Appropriations.

(Reference is to SB 172 as introduced.)

KRUSE, Chairperson

Committee Vote: Yeas 11, Nays 0.