A BILL FOR AN ACT

RELATING TO COMPUTER SCIENCE PROFESSIONAL DEVELOPMENT.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1   SECTION 1.   (a)   The department of education shall

2 establish a program and work with eligible entities to develop

3 and implement teacher professional development for the required

4 computer science courses and content.

5   For the purposes of this Act, "eligible entities" shall

6 include:

7   (1) A local educational agency, or a consortium of local

8   educational agencies in the State, including public

9   charter organizations; and

10   (2) High-quality computer science professional learning

11   providers, including institutions of higher education

12   in the State, non-profits, or private entities working

13   in partnership with local education agencies.

14   (b)   Funding provided to the department of education for

15 the professional development program established pursuant to

16 subsection (a) shall be used for:

1   (1)   High-quality professional learning for K-12 computer

2   science content (including travel workshops);

3   (2)   Credentialing for K-12 computer science teachers

4   (including CTE and academic supplemental

5   endorsements);

6   (3)   Supporting K-12 computer science professional

7   learning, including mentoring and coaching;

8   (4)   Creating resources to support implementation; and

9   (5)   Student recruitment.

10   (c)   The department of education shall develop an

11 application to be submitted by the eligible entity as a

12 condition of receiving funds under this Act that shall include

13 at a minimum how the eligible entity will:

14   (1)   Reach new and existing teachers with little to no

15   computer science background;

16   (2)   Use research or evidence-based practices for high-

17   quality professional development;

18   (3)   Focus the professional learning on the conceptual

19   foundations of computer science;

20   (4)   Reach and support historically underrepresented

21   students in computer science;

1   (5) Provide teachers with concrete experience with hands-

2   on, inquiry-based practices;

3   (6) Accommodate the particular teacher and student needs

4   in each complex area and school; and

5   (7) Ensure that participating schools or complex areas

6   shall begin offering the courses or content within the

7   same or next school year after the teacher receives

8   the professional learning.

9   (d) The department of education shall prioritize the

10 following applications:

11   (1) Local education agencies that are working in

12   partnership with providers of high-quality

13   professional learning for K-12 computer science;

14   (2) Proposals that describe strategies to enroll females

15   and underrepresented minorities, students on free and

16   reduced lunch, students with disabilities, and English

17   language learners; and

18   (3) Proposals from rural or urban areas with a low

19   concentration of K-12 computer science offerings,

20   including local education agencies that partner

21   together to form clusters of implementation.

1   (e) The eligible entity that receives an award pursuant to

2 this Act shall make an annual public report that at minimum

3 includes:

4   (1) The number of teachers prepared;

5   (2) The number of students reached;

6   (3) The gender, racial, and socioeconomic diversity of

7   those students;

8   (4) The number and diversity of students with passing

9   advanced placement exam scores for high school

10   advanced placement courses once that data is

11   available; and

12   (5) The number of teachers that started implementing

13   computer science in middle school and high school

14   versus the number of prepared teachers that attended

15   professional learning.

16   SECTION 2. There is appropriated out of the general

17 revenues of the State of Hawaii the sum of $50,000 or so much

18 thereof as may be necessary for fiscal year 2019-2020 and the

19 same sum or so much thereof as may be necessary for fiscal year

20 2020-2021 for the purposes of establishing a program to develop

S.B. NO. ⁹⁷⁰ S.D. 1

1 and implement teacher professional development for computer

2 science courses and content.

3   The sums appropriated shall be expended by the department

4 of education for the purposes of this Act.

5   SECTION 3. Funds appropriated pursuant to this Act but not

6 expended shall revert to the credit of the general fund.

7   SECTION 4. This Act shall take effect on July 1, 2050.

S.B. NO. 970 S.D. 1

Report Title:
DOE; Computer Science; Professional Development; Appropriation

Description:
Appropriates funds to the Department of Education to establish a program with eligible entities to develop and implement teacher professional development for computer science courses and content. Effective 7/1/2050. (SD1)

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