

JAN 18 2019

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# 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. The department of education shall establish a  
2 program and work with eligible entities to develop and implement  
3 teacher professional development for the required computer  
4 science courses and content.

5           For the purposes of this Act,

6           (a) "Eligible entities" shall 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:



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- 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 \$ or so  
18 much thereof as may be necessary for fiscal year 2019-2020 and  
19 the same sum or so much thereof as may be necessary for fiscal  
20 year 2020-2021 for the purposes of establishing a program to



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1 develop and implement teacher professional development for  
2 computer science courses and content.

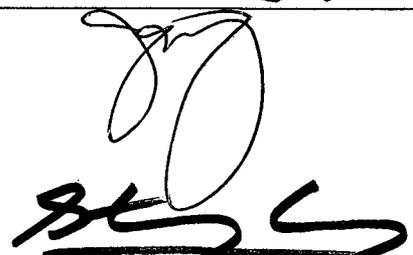
3 The sums appropriated shall be expended by the department  
4 of education for the purposes of this Act.

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, 2019.

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INTRODUCED BY:

Michelle Kuderi  
  
  
  




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**Report Title:**

Department of Education; 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.

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