

# House Bill 2570

Sponsored by Representatives HERNANDEZ, SOLLMAN, Senator RILEY; Representatives ALONSO LEON, CLEM, PHAM, RUIZ, SALINAS, Senator FREDERICK (Presession filed.)

## SUMMARY

The following summary is not prepared by the sponsors of the measure and is not a part of the body thereof subject to consideration by the Legislative Assembly. It is an editor's brief statement of the essential features of the measure **as introduced**.

Directs Department of Education, in consultation with STEM Investment Council, to develop statewide, long-term strategic plan to provide computer science education.

Sunsets January 2, 2027.

Declares emergency, effective on passage.

## A BILL FOR AN ACT

Relating to computer science education; and declaring an emergency.

**Be It Enacted by the People of the State of Oregon:**

**SECTION 1. (1) The Department of Education, in consultation with the STEM Investment Council, shall develop a statewide, long-term strategic plan to provide computer science education opportunities to every public school student in this state by the 2026-2027 school year.**

**(2) The statewide plan required under this section must:**

**(a) Be completed in coordination with the statewide digital learning plan.**

**(b) Include a statement of purpose that describes the goals of the statewide plan, including the goals that computer science education:**

**(A) Be made available to public school students in this state on an equitable basis.**

**(B) Be based on a framework that guides students from computer users to computer-literate creators who are proficient in the concepts and practices of computer science, as defined by national frameworks and standards.**

**(c) Identify immediate, practical changes and systemic changes that can be implemented in the public schools of this state to increase students' access to computer science, with a focus on equity and inclusion.**

**(d) Identify rigorous academic content standards and curriculum guidelines for computer science education and identify strategies for incorporating computer science education into existing academic content standards for grades before grade nine.**

**(e) Identify strategies for ensuring that computer science education is made available to students who may experience academic disparities, including students identified in ORS 327.180 (2)(b), and that those students' needs are met so that they may be successful in computer science.**

**(f) Identify strategies for aligning computer literacy standards and curricula with computer science courses at community colleges and public universities listed in ORS 352.002.**

**(g) Identify standards for high-quality professional learning for teachers that focuses on inclusive and effective computer science instructional methods, and ensure that professional learning is made available to the teachers of this state.**

**NOTE:** Matter in **boldfaced** type in an amended section is new; matter *[italic and bracketed]* is existing law to be omitted. New sections are in **boldfaced** type.

1       **(h) Identify strategies for including computer science and digital literacy courses in the**  
2 **curricula for educator preparation programs, with an emphasis on programs that prepare**  
3 **educators for elementary or middle school.**

4       **(i) Identify actions that must be taken to allow computer science courses to be consid-**  
5 **ered a core admission requirement at the public universities listed in ORS 352.002.**

6       **(j) Propose an ongoing evaluation process of computer science education that is overseen**  
7 **by the State Board of Education and the council to ensure the statewide plan is sustainable**  
8 **in the long term.**

9       **(3) The statewide plan required under this section must establish:**

10       **(a) Strategic goals for achieving the objectives of the plan;**

11       **(b) Strategies by which the goals established under paragraph (a) of this subsection will**  
12 **be achieved; and**

13       **(c) A timeline for achieving the goals established under paragraph (a) of this subsection.**

14       **(4)(a) For the purpose of developing the statewide plan required under this section, the**  
15 **department shall coordinate with the council to convene a work group.**

16       **(b) The work group convened under this subsection must include representatives from:**

17       **(A) The State Board of Education;**

18       **(B) The STEM Investment Council;**

19       **(C) The Department of Education;**

20       **(D) The Teacher Standards and Practices Commission;**

21       **(E) The Educator Advancement Council;**

22       **(F) The Governor's office;**

23       **(G) The Higher Education Coordinating Commission;**

24       **(H) Industry with involvement in computer science;**

25       **(I) Regional networks that support science, technology, engineering and mathematics;**

26       **(J) Regional networks that support career and technical education;**

27       **(K) Nonprofit organizations related to computer science education;**

28       **(L) School administrators;**

29       **(M) Post-secondary institutions of education; and**

30       **(N) Teachers who provide computer science education.**

31       **(c) When selecting members of the work group, the department and the STEM Invest-**  
32 **ment Council shall take into consideration geographic and demographic diversity.**

33       **(5) No later than November 15 of each year, the department shall coordinate with the**  
34 **STEM Investment Council to submit a report to an interim committee of the Legislative**  
35 **Assembly related to education. The report:**

36       **(a) Shall include an overview of the provision of computer science education in this state**  
37 **on the effective date of this 2021 Act, and any changes that have occurred since the effective**  
38 **date of this 2021 Act. The overview must include data on the participation in computer sci-**  
39 **ence by students who may experience academic disparities, including students identified in**  
40 **ORS 327.180 (2)(b).**

41       **(b) Shall provide an overview on the progress of developing the statewide plan required**  
42 **by this section.**

43       **(c) May include recommendations for legislation to ensure the implementation and**  
44 **sustainability of the statewide plan developed under this section.**

45       **(d) May include recommendations addressing whether the Teacher Standards and Prac-**

1 tices Commission should establish an endorsement related to computer science education  
2 and, if so, recommendations for requirements of that endorsement.

3 **SECTION 2.** Section 1 of this 2021 Act is repealed on January 2, 2027.

4 **SECTION 3.** This 2021 Act being necessary for the immediate preservation of the public  
5 peace, health and safety, an emergency is declared to exist, and this 2021 Act takes effect  
6 on its passage.

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