

SENATE AMENDMENTS TO SENATE BILL 1590

By COMMITTEE ON EDUCATION

February 14

1 On page 1 of the printed bill, line 2, after the semicolon insert “creating new provisions;
2 amending ORS 329.025 and 329.045;”.

3 Delete lines 4 through 30 and delete pages 2 and 3 and insert:

4 **“SECTION 1. (1) No later than March 15, 2023, the Department of Education, in consul-**
5 **tation with the STEM Investment Council, shall develop a statewide, long-term strategic plan**
6 **to provide computer science education opportunities to every public school student in this**
7 **state by the 2027-2028 school year.**

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

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

10 **“(b) Include a statement of purpose that describes the goals of the statewide plan, in-**
11 **cluding the goals that computer science education:**

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

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

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

19 **“(d) Identify strategies for ensuring that computer science education is made available**
20 **to students who may experience academic disparities, including students identified in ORS**
21 **327.180 (2)(b), and that those students’ needs are met so that they may be successful in**
22 **computer science.**

23 **“(e) Identify strategies for aligning computer literacy standards and curricula with com-**
24 **puter science courses at community colleges and public universities listed in ORS 352.002.**

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

28 **“(g) Identify strategies for including computer science and digital literacy courses in the**
29 **curricula for educator preparation programs, with an emphasis on programs that prepare**
30 **educators for elementary or middle school.**

31 **“(h) Identify actions that must be taken to allow computer science courses to be con-**
32 **sidered a core admission requirement at the public universities listed in ORS 352.002.**

33 **“(i) Propose an ongoing evaluation process of computer science education that is over-**
34 **seen by the State Board of Education and the council to ensure the statewide plan is**
35 **sustainable in the long term.**

1 **“(3) The statewide plan required under this section must establish:**
2 **“(a) Strategic goals for achieving the objectives of the plan;**
3 **“(b) Strategies by which the goals established under paragraph (a) of this subsection will**
4 **be achieved; and**
5 **“(c) A timeline for achieving the goals established under paragraph (a) of this subsection.**
6 **“(4)(a) For the purpose of developing the statewide plan required under this section, the**
7 **department shall coordinate with the council to convene a work group.**
8 **“(b) The work group convened under this subsection must include representatives from:**
9 **“(A) The State Board of Education;**
10 **“(B) The STEM Investment Council;**
11 **“(C) The Department of Education;**
12 **“(D) The Teacher Standards and Practices Commission;**
13 **“(E) The Educator Advancement Council;**
14 **“(F) The Governor’s office;**
15 **“(G) The Higher Education Coordinating Commission;**
16 **“(H) Industry with involvement in computer science;**
17 **“(I) Regional networks that support science, technology, engineering and mathematics;**
18 **“(J) Regional networks that support career and technical education;**
19 **“(K) Nonprofit organizations related to computer science education;**
20 **“(L) School administrators;**
21 **“(M) Post-secondary institutions of education;**
22 **“(N) Teachers who provide computer science education; and**
23 **“(O) Tribal governments.**
24 **“(c) When selecting members of the work group, the department and the STEM Invest-**
25 **ment Council shall take into consideration geographic and demographic diversity.**
26 **“SECTION 2. (1) No later than November 15 of each year, the Department of Education**
27 **shall coordinate with the STEM Investment Council to submit a report to an interim com-**
28 **mittee of the Legislative Assembly related to education.**
29 **“(2) The report required under this section:**
30 **“(a) Must include an overview of the provision of computer science education in this**
31 **state on the effective date of this 2022 Act, and any changes that have occurred since the**
32 **effective date of this 2022 Act. The overview must include data on the participation in com-**
33 **puter science by students who may experience academic disparities, including students**
34 **identified in ORS 327.180 (2)(b).**
35 **“(b) Must provide an overview on the progress of developing and implementing the**
36 **statewide plan required by section 1 of this 2022 Act.**
37 **“(c) May include recommendations for legislation to ensure the implementation and**
38 **sustainability of the statewide plan developed under section 1 of this 2022 Act.**
39 **“(d) May include recommendations addressing whether the Teacher Standards and Prac-**
40 **tices Commission should establish an endorsement related to computer science education**
41 **and, if so, recommendations for requirements of that endorsement.**
42 **“SECTION 3. Section 2 of this 2022 Act is repealed on January 2, 2028.**
43 **“SECTION 4. ORS 329.025 is amended to read:**
44 **“329.025. It is the intent of the Legislative Assembly to maintain a system of public elementary**
45 **and secondary schools that allows students, parents, teachers, administrators, school district boards**

1 and the State Board of Education to be accountable for the development and improvement of the
2 public school system. The public school system shall have the following characteristics:

3 “(1) Provides equal and open access and educational opportunities for all students in the state
4 regardless of their linguistic background, culture, race, gender, capability or geographic location;

5 “(2) Assumes that all students can learn and establishes high, specific skill and knowledge ex-
6 pectations and recognizes individual differences at all instructional levels;

7 “(3) Provides each student an education experience that supports academic growth beyond pro-
8 ficiency in established academic content standards and encourages students to attain aspirational
9 goals that are individually challenging;

10 “(4) Provides special education, compensatory education, linguistically and culturally appropri-
11 ate education and other specialized programs to all students who need those services;

12 “(5) Supports the physical and cognitive growth and development of students;

13 “(6) Provides students with a solid foundation in the skills of reading, writing, problem solving
14 and communication;

15 “(7) Provides opportunities for students to learn, think, reason, retrieve information, use tech-
16 nology and work effectively alone and in groups;

17 “(8) Provides for rigorous academic content standards and instruction in mathematics, science,
18 language arts, history, geography, economics, civics, physical education, health, the arts, [and] world
19 languages **and computer science**;

20 “(9) Provides increased learning time;

21 “(10) Provides students an educational background to the end that they will function success-
22 fully in a constitutional republic, a participatory democracy and a multicultural nation and world;

23 “(11) Provides students with the knowledge and skills that will provide the opportunities to
24 succeed in the world of work, as members of families and as citizens;

25 “(12) Provides students with the knowledge and skills that lead to an active, healthy lifestyle;

26 “(13) Provides students with the knowledge and skills to take responsibility for their decisions
27 and choices;

28 “(14) Provides opportunities for students to learn through a variety of teaching strategies;

29 “(15) Emphasizes involvement of parents and the community in the total education of students;

30 “(16) Transports children safely to and from school;

31 “(17) Ensures that the funds allocated to schools reflect the uncontrollable differences in costs
32 facing each district;

33 “(18) Ensures that local schools have adequate control of how funds are spent to best meet the
34 needs of students in their communities; and

35 “(19) Provides for a safe, educational environment.

36 “**SECTION 5.** ORS 329.045 is amended to read:

37 “329.045. (1)(a) In order to achieve the goals contained in ORS 329.025, the State Board of Ed-
38 ucation shall regularly and periodically review and revise its Common Curriculum Goals, perform-
39 ance indicators and diploma requirements.

40 “(b) The review and revision conducted under this section shall:

41 “(A) Include Essential Learning Skills and rigorous academic content standards in mathematics,
42 science, language arts, history, geography, economics, civics, physical education, health, the arts,
43 [and] world languages **and computer science**.

44 “(B) Involve teachers and other educators, parents of students and other citizens and shall pro-
45 vide ample opportunity for public comment.

1 “(C) Encourage increased learning time. As used in this subparagraph, ‘increased learning
2 time’ means a schedule that encompasses a longer school day, week or year for the purpose of in-
3 creasing the total number of school hours available to provide:

4 “(i) Students with instruction in core academic subjects, including mathematics, science, lan-
5 guage arts, history, geography, economics, civics, the arts, [and] world languages **and computer**
6 **science**;

7 “(ii) Students with instruction in subjects other than the subjects identified in sub-subparagraph
8 (i) of this subparagraph, including health and physical education;

9 “(iii) Students with the opportunity to participate in enrichment activities that contribute to a
10 well-rounded education, including learning opportunities that may be based on service, experience
11 or work and that may be provided through partnerships with other organizations; and

12 “(iv) Teachers with the opportunity to collaborate, plan and engage in professional development
13 within and across grades and subjects.

14 “(c) Nothing in this subsection prevents a school district or public charter school from main-
15 taining control over course content, format, materials and teaching methods.

16 “(2) The State Board of Education shall continually review and revise all adopted academic
17 content standards necessary for students to successfully transition to the next phase of their edu-
18 cation.

19 “(3)(a) School districts and public charter schools must offer students instruction in mathemat-
20 ics, science, language arts, history, geography, economics, civics, physical education, health, the arts
21 and world languages.

22 “(b) Instruction required under paragraph (a) of this subsection must:

23 “(A) Meet the academic content standards adopted by the State Board of Education; and

24 “(B) Meet the requirements adopted by the State Board of Education and the board of the school
25 district or public charter school.

26 “(4) School districts and public charter schools are encouraged to offer students courses or
27 other educational opportunities in civics, [and] financial literacy **and computer science** to allow
28 every student who wants to receive instruction in civics, [and] financial literacy **and computer**
29 **science** to be able to receive the instruction.

30 “**SECTION 6.** ORS 329.045, as amended by section 1, chapter 202, Oregon Laws 2019, and sec-
31 tion 6, chapter 178, Oregon Laws 2021, is amended to read:

32 “329.045. (1)(a) In order to achieve the goals contained in ORS 329.025, the State Board of Ed-
33 ucation shall regularly and periodically review and revise its Common Curriculum Goals, perform-
34 ance indicators and diploma requirements.

35 “(b) The review and revision conducted under this section shall:

36 “(A) Include Essential Learning Skills and rigorous academic content standards in mathematics,
37 science, language arts, history, geography, economics, civics, physical education, health, the arts,
38 [and] world languages **and computer science**.

39 “(B) Ensure that the academic content standards for history, geography, economics and civics
40 include sufficient instruction on the histories, contributions and perspectives of individuals who:

41 “(i) Are Native American;

42 “(ii) Are of African, Asian, Pacific Island, Chicano, Latino or Middle Eastern descent;

43 “(iii) Are women;

44 “(iv) Have disabilities;

45 “(v) Are immigrants or refugees; or

1 “(vi) Are lesbian, gay, bisexual or transgender.

2 “(C) Involve teachers and other educators, parents of students and other citizens and shall pro-
3 vide ample opportunity for public comment.

4 “(D) Encourage increased learning time. As used in this subparagraph, ‘increased learning
5 time’ means a schedule that encompasses a longer school day, week or year for the purpose of in-
6 creasing the total number of school hours available to provide:

7 “(i) Students with instruction in core academic subjects, including mathematics, science, lan-
8 guage arts, history, geography, economics, civics, the arts, [and] world languages **and computer**
9 **science**;

10 “(ii) Students with instruction in subjects other than the subjects identified in sub-subparagraph
11 (i) of this subparagraph, including health and physical education;

12 “(iii) Students with the opportunity to participate in enrichment activities that contribute to a
13 well-rounded education, including learning opportunities that may be based on service, experience
14 or work and that may be provided through partnerships with other organizations; and

15 “(iv) Teachers with the opportunity to collaborate, plan and engage in professional development
16 within and across grades and subjects.

17 “(c) Nothing in this subsection prevents a school district or public charter school from main-
18 taining control over course content, format, materials and teaching methods.

19 “(2) The State Board of Education shall continually review and revise all adopted academic
20 content standards necessary for students to successfully transition to the next phase of their edu-
21 cation.

22 “(3)(a) School districts and public charter schools must offer students instruction in mathemat-
23 ics, science, language arts, history, geography, economics, civics, physical education, health, the arts
24 and world languages.

25 “(b) Instruction required under paragraph (a) of this subsection must:

26 “(A) Meet the academic content standards adopted by the State Board of Education; and

27 “(B) Meet the requirements adopted by the State Board of Education and the board of the school
28 district or public charter school.

29 “(4) School districts and public charter schools are encouraged to offer students courses or
30 other educational opportunities in civics, [and] financial literacy **and computer science** to allow
31 every student who wants to receive instruction in civics, [and] financial literacy **and computer**
32 **science** to be able to receive the instruction.

33 “**SECTION 7. The amendments to ORS 329.025 and 329.045 by sections 4 to 6 of this 2022**
34 **Act become operative on September 1, 2028.**

35 “**SECTION 8. This 2022 Act being necessary for the immediate preservation of the public**
36 **peace, health and safety, an emergency is declared to exist, and this 2022 Act takes effect**
37 **on its passage.”.**

38
