

A-Engrossed
House Bill 2636

Ordered by the House March 12
Including House Amendments dated March 12

Sponsored by Representative HARKER, Senator STEINER HAYWARD (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.

Establishes STEM Investment Council. Charges council with tasks related to advancement of educational goals related to science, technology, engineering and mathematics.

Establishes STEM Investment Grant Program for purpose of providing funding to school districts, community colleges[,] **and** public universities [*and other entities*] to advance educational goals related to science, technology, engineering and mathematics.

Establishes STEM Investment Grant Account. Appropriates moneys in account to council for purpose of awarding grants under grant program.

Appropriates moneys from General Fund to council for purpose of awarding grants under grant program.

Declares emergency, effective July 1, 2013.

A BILL FOR AN ACT

1
2 Relating to advancement of STEM educational goals; creating new provisions; amending section 10,
3 chapter 519, Oregon Laws 2011; appropriating money; and declaring an emergency.

4 Whereas a highly educated workforce is critical to Oregon's ability to compete in the global
5 economy; and

6 Whereas all Oregon employers need employees to have basic knowledge and skills in science,
7 technology, engineering and mathematics (STEM); and

8 Whereas Oregon employers need access to highly educated professionals with advanced STEM
9 skills for the purpose of creating competitive products and services that draw money into Oregon's
10 economy and create jobs; and

11 Whereas providing high quality STEM educational opportunities for Oregon residents allows the
12 residents to participate in highly rewarding careers and to create products and services through a
13 wide variety of jobs; and

14 Whereas economic studies have shown that investments in STEM education result in increases
15 in personal income, public revenue and General Fund revenue; and

16 Whereas identifying clear goals, establishing oversight that ensures accountability, and deter-
17 mining and achieving specific measurable outcomes are critical for success; and

18 Whereas formal and informal collaboration between kindergarten through grade 12 schools,
19 community colleges and public and private colleges and universities is essential to achieving im-
20 provements in STEM education; and

21 Whereas a wide variety of best practices are available to increase students' interest and profi-
22 ciency in STEM education, including internships, mentorships, magnet schools, out-of-school pro-
23 grams, regional hubs, collective impact partnerships and teacher professional development; now,

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 therefore,

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

3 **SECTION 1.** (1) **The STEM Investment Council is established. The council shall function**
4 **under the direction and control of the Oregon Education Investment Board established by**
5 **section 1, chapter 519, Oregon Laws 2011.**

6 (2)(a) **The council is established for the purpose of assisting the Chief Education Officer**
7 **in developing and overseeing a long-term strategy that advances the following educational**
8 **goals related to science, technology, engineering and mathematics:**

9 (A) **Double the percentage of students in 4th and 8th grades who are proficient or ad-**
10 **vanced in mathematics and science, as determined using a nationally representative assess-**
11 **ment of students' knowledge in mathematics and science; and**

12 (B) **Double the number of students who earn a post-secondary degree requiring profi-**
13 **ciency in science, technology, engineering or mathematics.**

14 (b) **Achievement of the goals described in paragraph (a) of this subsection shall be de-**
15 **termined based on a comparison between the 2014-2015 school year or academic year and the**
16 **2024-2025 school year or academic year.**

17 (3) **To advance the educational goals described in subsection (2) of this section, the**
18 **council shall administer the STEM Investment Grant Program established in section 7 of this**
19 **2013 Act.**

20 (4) **The council consists of nine members from the private sector who are appointed by**
21 **the Chief Education Officer and serve at the pleasure of the Chief Education Officer.**

22 (5) **To aid and advise the council in the performance of the council's duties, the council**
23 **may recruit nonvoting advisory members and may establish advisory and technical commit-**
24 **tees that the council considers necessary.**

25 (6)(a) **The Chief Education Officer shall appoint a council director. The council director**
26 **shall serve at the pleasure of the Chief Education Officer.**

27 (b) **Except as otherwise directed by the Chief Education Officer, the activities of the**
28 **council shall be directed and supervised by the council director.**

29 (7) **Members of the council are not entitled to compensation, but in the discretion of the**
30 **Chief Education Officer may be reimbursed from funds available to the council for actual and**
31 **necessary travel and other expenses incurred by them in the performance of their official**
32 **duties in the manner and amount provided in ORS 292.495.**

33 (8) **The council shall report annually to the Oregon Education Investment Board and the**
34 **Legislative Assembly on the progress made toward achieving the goals described in sub-**
35 **section (2) of this section and the distribution of funds under the STEM Investment Grant**
36 **Program.**

37 **SECTION 2.** **When developing the long-term strategy that advances the educational goals**
38 **related to science, technology, engineering and mathematics described in section 1 (2) of this**
39 **2013 Act, the STEM Investment Council shall take into consideration the findings of the re-**
40 **port submitted by the Task Force on STEM Access and Success as required by section 1,**
41 **chapter 94, Oregon Laws 2012.**

42 **SECTION 3.** **Section 2 of this 2013 Act is repealed on June 30, 2018.**

43 **SECTION 4.** **Section 1 of this 2013 Act is amended to read:**

44 **Sec. 1.** (1) **The STEM Investment Council is established. The council shall function under the**
45 **joint direction and control of the [Oregon Education Investment Board established by section 1,**

1 *chapter 519, Oregon Laws 2011*] **State Board of Education and the State Board of Higher Edu-**
2 **cation.**

3 (2)(a) The council is established for the purpose of assisting the [*Chief Education Officer in*]
4 **Superintendent of Public Instruction, the Commissioner for Community College Services and**
5 **the Chancellor of the Oregon University System in jointly** developing and overseeing a long-
6 term strategy that advances the following educational goals related to science, technology, engi-
7 neering and mathematics:

8 (A) Double the percentage of students in 4th and 8th grades who are proficient or advanced in
9 mathematics and science, as determined using a nationally representative assessment of students'
10 knowledge in mathematics and science; and

11 (B) Double the number of students who earn a post-secondary degree requiring proficiency in
12 science, technology, engineering or mathematics.

13 (b) Achievement of the goals described in paragraph (a) of this subsection shall be determined
14 based on a comparison between the 2014-2015 school year or academic year and the 2024-2025 school
15 year or academic year.

16 (3) To advance the educational goals described in subsection (2) of this section, the council shall
17 administer the STEM Investment Grant Program established in section 7 of this 2013 Act.

18 (4) The council consists of nine members from the private sector who are **jointly** appointed by
19 the [*Chief Education Officer*] **Superintendent of Public Instruction, the Commissioner for**
20 **Community College Services and the Chancellor of the Oregon University System** and serve
21 at the pleasure of the [*Chief Education Officer*] **superintendent, commissioner and chancellor.**

22 (5) To aid and advise the council in the performance of the council's duties, the council may
23 recruit nonvoting advisory members and may establish advisory and technical committees that the
24 council considers necessary.

25 (6)(a) The [*Chief Education Officer shall*] **Superintendent of Public Instruction, the Commis-**
26 **sioner for Community College Services and the Chancellor of the Oregon University System**
27 **shall jointly** appoint a council director. The council director shall serve at the pleasure of the [*Chief*
28 *Education Officer*] **superintendent, commissioner and chancellor.**

29 (b) Except as otherwise directed by the [*Chief Education Officer*] **Superintendent of Public**
30 **Instruction, the Commissioner for Community College Services and the Chancellor of the**
31 **Oregon University System**, the activities of the council shall be directed and supervised by the
32 council director.

33 (7) Members of the council are not entitled to compensation, but in the discretion of the [*Chief*
34 *Education Officer*] **Superintendent of Public Instruction, the Commissioner for Community**
35 **College Services and the Chancellor of the Oregon University System** may be reimbursed from
36 funds available to the council for actual and necessary travel and other expenses incurred by them
37 in the performance of their official duties in the manner and amount provided in ORS 292.495.

38 (8) The council shall [*report annually to the Oregon Education Investment Board*] **submit an**
39 **annual report to the State Board of Education, the State Board of Higher Education** and the
40 Legislative Assembly on the progress made toward achieving the goals described in subsection (2)
41 of this section and the distribution of funds under the STEM Investment Grant Program.

42 **SECTION 5.** Section 10, chapter 519, Oregon Laws 2011, as amended by section 1, chapter 37,
43 Oregon Laws 2012, is amended to read:

44 **Sec. 10. (1)** Sections 1, 2, 3, 5, 6 and 7, chapter 519, Oregon Laws 2011, are repealed on March
45 15, 2016.

1 **(2) The amendments to section 1 of this 2013 Act by section 4 of this 2013 Act become**
2 **operative on March 15, 2016.**

3 **(3) The amendments to section 1 of this 2013 Act by section 6 of this 2013 Act become**
4 **operative on July 1, 2025.**

5 **SECTION 6.** Section 1 of this 2013 Act, as amended by section 4 of this 2013 Act, is amended
6 to read:

7 **Sec. 1.** (1) The STEM Investment Council is established. The council shall function under the
8 joint direction and control of the State Board of Education and the State Board of Higher Education.

9 (2)(a) The council is established for the purpose of assisting the Superintendent of Public In-
10 struction, the Commissioner for Community College Services and the Chancellor of the Oregon
11 University System in jointly developing and overseeing a long-term strategy that advances the fol-
12 lowing educational goals related to science, technology, engineering and mathematics:

13 (A) [*Double the*] **Having a specified** percentage of students in 4th and 8th grades who are pro-
14 ficient or advanced in mathematics and science, as determined using a nationally representative
15 assessment of students' knowledge in mathematics and science; and

16 (B) [*Double the*] **Having a specified** number of students who earn a post-secondary degree re-
17 quiring proficiency in science, technology, engineering or mathematics.

18 [*(b) Achievement of the goals described in paragraph (a) of this subsection shall be determined*
19 *based on a comparison between the 2014-2015 school year or academic year and the 2024-2025 school*
20 *year or academic year.*]

21 **(b) Achievement of the goals described in paragraph (a) of this subsection shall be de-**
22 **termined based on percentages and numbers determined by the council.**

23 (3) To advance the educational goals described in subsection (2) of this section, the council shall
24 administer the STEM Investment Grant Program established in section 7 of this 2013 Act.

25 (4) The council consists of nine members from the private sector who are jointly appointed by
26 the Superintendent of Public Instruction, the Commissioner for Community College Services and the
27 Chancellor of the Oregon University System and serve at the pleasure of the superintendent, com-
28 missioner and chancellor.

29 (5) To aid and advise the council in the performance of the council's duties, the council may
30 recruit nonvoting advisory members and may establish advisory and technical committees that the
31 council considers necessary.

32 (6)(a) The Superintendent of Public Instruction, the Commissioner for Community College Ser-
33 vices and the Chancellor of the Oregon University System shall jointly appoint a council director.
34 The council director shall serve at the pleasure of the superintendent, commissioner and chancellor.

35 (b) Except as otherwise directed by the Superintendent of Public Instruction, the Commissioner
36 for Community College Services and the Chancellor of the Oregon University System, the activities
37 of the council shall be directed and supervised by the council director.

38 (7) Members of the council are not entitled to compensation, but in the discretion of the Su-
39 perintendent of Public Instruction, the Commissioner for Community College Services and the
40 Chancellor of the Oregon University System may be reimbursed from funds available to the council
41 for actual and necessary travel and other expenses incurred by them in the performance of their
42 official duties in the manner and amount provided in ORS 292.495.

43 (8) The council shall submit an annual report to the State Board of Education, the State Board
44 of Higher Education and the Legislative Assembly on the progress made toward achieving the goals
45 described in subsection (2) of this section and the distribution of funds under the STEM Investment

1 Grant Program.

2 **SECTION 7. (1) The STEM Investment Grant Program is established to provide funding**
3 **to school districts, community colleges and public universities listed in ORS 352.002 to ad-**
4 **vance the goals described in section 1 (2) of this 2013 Act.**

5 **(2) The STEM Investment Council shall administer the grant program established by this**
6 **section.**

7 **(3)(a) An application for a grant awarded under this section may be submitted by:**

8 **(A) A school district;**

9 **(B) A community college district;**

10 **(C) A public university;**

11 **(D) The Department of Education;**

12 **(E) The Department of Community Colleges and Workforce Development;**

13 **(F) The Oregon University System;**

14 **(G) Any other state agency; or**

15 **(H) Any combination of entities identified in this paragraph that are organized as a**
16 **partnership or a regional effort to improve student achievement in science, technology, en-**
17 **gineering or mathematics.**

18 **(b) A grant awarded under this section may be used for:**

19 **(A) Classroom or extracurricular activities that further the development of skills related**
20 **to science, technology, engineering or mathematics; or**

21 **(B) A project that is related to science, technology, engineering or mathematics and that**
22 **involves collaboration with a private entity.**

23 **(4) When evaluating applications for a grant, the council:**

24 **(a) Shall give priority to applications for activities or projects that produce the largest**
25 **impact at the lowest cost or for the greatest number of students throughout this state, in-**
26 **cluding grants for activities or projects that:**

27 **(A) Are determined by the council to be likely to become self-supporting within three**
28 **years;**

29 **(B) Expand evidence-based, effective practices in science, technology, engineering or**
30 **mathematics;**

31 **(C) Can be replicated by other entities in this state;**

32 **(D) Show evidence of attracting matching funds;**

33 **(E) If the applicant is an entity identified in subsection (3)(a)(A) to (C) of this section,**
34 **have demonstrable support from the governing body of the entity;**

35 **(F) Help improve access by underrepresented groups to activities that involve science,**
36 **technology, engineering or mathematics; or**

37 **(G) Are elements of a partnership or a regional effort to improve student achievement**
38 **in science, technology, engineering or mathematics;**

39 **(b) May give priority to applications for activities or projects that benefit students in**
40 **more than one student group among students in kindergarten through grade 12, students in**
41 **community colleges and students in universities;**

42 **(c) Shall attempt to achieve a balance, as determined by the council, among grants that**
43 **are awarded for the sole benefit of students in kindergarten through grade 12, students in**
44 **community colleges and students in universities; and**

45 **(d) Shall take into consideration geographic and demographic diversity.**

1 **SECTION 8.** The STEM Investment Grant Account is established in the State Treasury,
2 separate and distinct from the General Fund. Interest earned by the STEM Investment
3 Grant Account shall be credited to the account. Moneys in the account are continuously
4 appropriated to the STEM Investment Council for the STEM Investment Grant Program es-
5 tablished by section 7 of this 2013 Act.

6 **SECTION 9.** There is appropriated to the STEM Investment Council, for the biennium
7 beginning July 1, 2013, out of the General Fund, the amount of \$50 million, which may be
8 expended for grants awarded under the STEM Investment Grant Program established by
9 section 7 of this 2013 Act.

10 **SECTION 10.** This 2013 Act being necessary for the immediate preservation of the public
11 peace, health and safety, an emergency is declared to exist, and this 2013 Act takes effect
12 July 1, 2013.
13
