

SENATE BILL NO. 241—SENATORS WOODHOUSE, RATTI,
CANNIZZARO, CANCELA, PARKS; ATKINSON, DENIS,
FARLEY, FORD, MANENDO, SEGERBLOM AND SPEARMAN

MARCH 7, 2017

JOINT SPONSORS: ASSEMBLYMEN CARRILLO, MONROE-MORENO,
DIAZ, NEAL; AND FUMO

Referred to Committee on Education

SUMMARY—Provides for the establishment of the State Seal of
STEM Program and the State Seal of STEAM
Program. (BDR 34-680)

FISCAL NOTE: Effect on Local Government: May have Fiscal Impact.
Effect on the State: Yes.

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EXPLANATION – Matter in *bolded italics* is new; matter between brackets ~~omitted material~~ is material to be omitted.

AN ACT relating to education; providing for the establishment of
the State Seal of STEM Program to recognize pupils who
have attained a high level of proficiency in science,
technology, engineering and mathematics; providing for
the establishment of the State Seal of STEAM Program to
recognize pupils who have attained a high level of
proficiency in science, technology, engineering, the arts
and mathematics; and providing other matters properly
relating thereto.

Legislative Counsel’s Digest:

1 Existing law requires the Superintendent of Public Instruction to establish a
2 State Seal of Biliteracy Program to recognize high school pupils who graduate with
3 a high level of proficiency in one or more languages in addition to English. A pupil
4 who satisfies the requirements of the Program is awarded a high school diploma
5 with a State Seal of Biliteracy. (NRS 388.591, 388.593)
6 **Section 2** of this bill requires the Superintendent of Public Instruction to
7 establish a State Seal of STEM Program beginning with the 2018-2019 school year
8 to recognize high school pupils who have attained a high level of proficiency in
9 science, technology, engineering and mathematics. **Section 3** of this bill prescribes
10 the requirements for a high school pupil to graduate with the STEM Seal affixed to
11 his or her diploma.



12 **Section 4** of this bill requires the Superintendent of Public Instruction to
13 establish a State Seal of STEAM Program beginning with the 2018-2019 school
14 year to recognize high school pupils who have attained a high level of proficiency
15 in science, technology, engineering, the arts and mathematics. **Section 5** of this bill
16 prescribes the requirements for a high school pupil to graduate with the STEAM
17 Seal affixed to his or her diploma.

THE PEOPLE OF THE STATE OF NEVADA, REPRESENTED IN
SENATE AND ASSEMBLY, DO ENACT AS FOLLOWS:

1 **Section 1.** Chapter 388 of NRS is hereby amended by adding
2 thereto the provisions set forth as sections 2 to 5, inclusive, of this
3 act.

4 **Sec. 2. 1.** *The Superintendent of Public Instruction shall*
5 *establish a State Seal of STEM Program to recognize pupils who*
6 *graduate from a public high school, including, without limitation,*
7 *a charter school and a university school for profoundly gifted*
8 *pupils, who have attained a high level of proficiency in science,*
9 *technology, engineering and mathematics.*

10 **2.** *The Superintendent of Public Instruction shall:*

11 (a) *Create a State Seal of STEM that may be affixed to the*
12 *diploma and noted on the transcript of a pupil to recognize that*
13 *the pupil has met the requirements of section 3 of this act; and*

14 (b) *Deliver the State Seal of STEM to each school district,*
15 *charter school and university school for profoundly gifted pupils*
16 *that participates in the State Seal of STEM Program.*

17 **3.** *Any school district, charter school and university school*
18 *for profoundly gifted pupils may participate in the State Seal of*
19 *STEM Program by notifying the Superintendent of Public*
20 *Instruction of its intent to participate in the Program.*

21 **4.** *Each board of trustees of a school district and governing*
22 *body of a charter school or university school for profoundly gifted*
23 *pupils that participates in the State Seal of STEM Program shall:*

24 (a) *Identify the pupils who have met the requirements to be*
25 *awarded the State Seal of STEM; and*

26 (b) *Affix the State Seal of STEM to the diploma and note the*
27 *receipt of the State Seal of STEM on the transcript of each pupil*
28 *who meets those requirements.*

29 **5.** *The Superintendent of Public Instruction may adopt*
30 *regulations as necessary to carry out the provisions of this section*
31 *and section 3 of this act.*

32 **Sec. 3.** *A school district, charter school and university school*
33 *for profoundly gifted pupils that participates in the State Seal of*
34 *STEM Program established pursuant to section 2 of this act must*



1 *award a pupil, upon graduation from high school, a high school*
2 *diploma with a State Seal of STEM if the pupil:*

3 *1. Earns at least a 3.25 grade point average, on a 4.0 grading*
4 *scale, or a 3.85 weighted grade point average, on a grading scale*
5 *approved by the Superintendent of Public Instruction if a different*
6 *grading scale is used.*

7 *2. Achieves a certificate of skill attainment in his or her*
8 *program of career and technical education.*

9 *3. Demonstrates proficiency in science, technology,*
10 *engineering and mathematics by earning:*

11 *(a) At least 4 credits in science;*

12 *(b) At least 4 credits in mathematics;*

13 *(c) At least 1 credit in computer science;*

14 *(d) At least 3 credits in a career and technical education*
15 *program of study involving engineering, manufacturing or*
16 *electronics;*

17 *(e) Any one of the following:*

18 *(1) A score of 3 or higher on an advanced placement*
19 *examination in science;*

20 *(2) A score of 4 or higher on an international*
21 *baccalaureate examination in science;*

22 *(3) A score of 650 or higher on the Scholastic Aptitude Test*
23 *in science;*

24 *(4) A score of 20 or higher on the American College Test in*
25 *science; or*

26 *(5) A grade of B or higher in a college-level science course*
27 *completed through dual enrollment; and*

28 *(f) Any one of the following:*

29 *(1) A score of 3 or higher on an advanced placement*
30 *examination in mathematics;*

31 *(2) A score of 4 or higher on an international*
32 *baccalaureate examination in mathematics;*

33 *(3) A score of 650 or higher on the Scholastic Aptitude Test*
34 *in mathematics;*

35 *(4) A score of 20 or higher on the American College Test in*
36 *mathematics; or*

37 *(5) A grade of B or higher in a college-level mathematics*
38 *course completed through dual enrollment.*

39 **Sec. 4. 1. The Superintendent of Public Instruction shall**
40 **establish a State Seal of STEAM Program to recognize pupils who**
41 **graduate from a public high school, including, without limitation,**
42 **a charter school and a university school for profoundly gifted**
43 **pupils, who have attained a high level of proficiency in science,**
44 **technology, engineering, the arts and mathematics.**

45 **2. The Superintendent of Public Instruction shall:**



1 (a) Create a State Seal of STEAM that may be affixed to the
2 diploma and noted on the transcript of a pupil to recognize that
3 the pupil has met the requirements of section 5 of this act; and

4 (b) Deliver the State Seal of STEAM to each school district,
5 charter school and university school for profoundly gifted pupils
6 that participates in the State Seal of STEAM Program.

7 3. Any school district, charter school and university school
8 for profoundly gifted pupils may participate in the State Seal of
9 STEAM Program by notifying the Superintendent of Public
10 Instruction of its intent to participate in the Program.

11 4. Each board of trustees of a school district and governing
12 body of a charter school or university school for profoundly gifted
13 pupils that participates in the State Seal of STEAM Program
14 shall:

15 (a) Identify the pupils who have met the requirements to be
16 awarded the State Seal of STEAM; and

17 (b) Affix the State Seal of STEAM to the diploma and note the
18 receipt of the State Seal of STEAM on the transcript of each pupil
19 who meets those requirements.

20 5. The Superintendent of Public Instruction may adopt
21 regulations as necessary to carry out the provisions of this section
22 and section 5 of this act.

23 **Sec. 5.** A school district, charter school and university school
24 for profoundly gifted pupils that participates in the State Seal of
25 STEAM Program established pursuant to section 4 of this act
26 must award a pupil, upon graduation from high school, a high
27 school diploma with a State Seal of STEAM if the pupil:

28 1. Earns at least a 3.25 grade point average, on a 4.0 grading
29 scale, or a 3.85 weighted grade point average, on a grading scale
30 approved by the Superintendent of Public Instruction if a different
31 grading scale is used.

32 2. Achieves a certificate of skill attainment in his or her
33 program of career and technical education.

34 3. Demonstrates proficiency in science, technology,
35 engineering, the arts and mathematics by earning:

36 (a) At least 4 credits in science;

37 (b) At least 4 credits in mathematics;

38 (c) At least 1 credit in computer science;

39 (d) At least 3 credits in a career and technical education
40 program of study involving art technology;

41 (e) At least 4 credits in the arts and humanities;

42 (f) Any one of the following:

43 (1) A score of 3 or higher on an advanced placement
44 examination in science;



1 (2) *A score of 4 or higher on an international*
2 *baccalaureate examination in science;*

3 (3) *A score of 650 or higher on the Scholastic Aptitude Test*
4 *in science;*

5 (4) *A score of 20 or higher on the American College Test in*
6 *science; or*

7 (5) *A grade of B or higher in a college-level science course*
8 *completed through dual enrollment; and*

9 (g) *Any one of the following:*

10 (1) *A score of 3 or higher on an advanced placement*
11 *examination in mathematics;*

12 (2) *A score of 4 or higher on an international*
13 *baccalaureate examination in mathematics;*

14 (3) *A score of 650 or higher on the Scholastic Aptitude Test*
15 *in mathematics;*

16 (4) *A score of 20 or higher on the American College Test in*
17 *mathematics; or*

18 (5) *A grade of B or higher in a college-level mathematics*
19 *course completed through dual enrollment.*

20 **Sec. 6.** The Superintendent of Public Instruction shall establish
21 the State Seal of STEM Program pursuant to section 2 of this act
22 and the State Seal of STEAM Program pursuant to section 4 of this
23 act for implementation beginning with the 2018-2019 school year.

24 **Sec. 7.** This act becomes effective:

25 1. Upon passage and approval for the purpose of adopting any
26 regulations and performing any other preparatory administrative
27 tasks that are necessary to carry out the provisions of this act; and

28 2. On July 1, 2018, for all other purposes.

