

Amendment No. 116

Senate Amendment to Senate Bill No. 241

(BDR 34-680)

Proposed by: Senate Committee on Education

Amends: Summary: No Title: No Preamble: No Joint Sponsorship: No Digest: No

ASSEMBLY ACTION				Initial and Date	SENATE ACTION				Initial and Date	
Adopted	☐	Lost	☐	_____		Adopted	☐	Lost	☐	_____
Concurred In	☐	Not	☐	_____		Concurred In	☐	Not	☐	_____
Receded	☐	Not	☐	_____		Receded	☐	Not	☐	_____

EXPLANATION: Matter in (1) *blue bold italics* is new language in the original bill; (2) variations of green bold underlining is language proposed to be added in this amendment; (3) ~~red strikethrough~~ is deleted language in the original bill; (4) ~~purple double strikethrough~~ is language proposed to be deleted in this amendment; (5) orange double underlining is deleted language in the original bill proposed to be retained in this amendment.

AAK/WLK



Date: 4/14/2017

S.B. No. 241—Provides for the establishment of the State Seal of STEM Program and the State Seal of STEAM Program. (BDR 34-680)



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:

Existing law requires the Superintendent of Public Instruction to establish a State Seal of Biliteracy Program to recognize high school pupils who graduate with a high level of proficiency in one or more languages in addition to English. A pupil who satisfies the requirements of the Program is awarded a high school diploma with a State Seal of Biliteracy. (NRS 388.591, 388.593)

Section 2 of this bill requires the Superintendent of Public Instruction to establish a State Seal of STEM Program beginning with the 2018-2019 school year to recognize high school pupils who have attained a high level of proficiency in science, technology, engineering and mathematics. **Section 3** of this bill prescribes the requirements for a high school pupil to graduate with the STEM Seal affixed to his or her diploma.

Section 4 of this bill requires the Superintendent of Public Instruction to establish a State Seal of STEAM Program beginning with the 2018-2019 school year to recognize high school pupils who have attained a high level of proficiency in science, technology, engineering, the arts and mathematics. **Section 5** of this bill prescribes the requirements for a high school pupil to graduate with the STEAM 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 thereto the
2 provisions set forth as sections 2 to 5, inclusive, of this act.

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

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

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

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

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

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

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

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

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

28 **Sec. 3.** *A school district, charter school and university school for*
29 *profoundly gifted pupils that participates in the State Seal of STEM Program*
30 *established pursuant to section 2 of this act must award a pupil, upon graduation*
31 *from high school, a high school diploma with a State Seal of STEM if the pupil:*

32 1. *Earns at least a 3.25 grade point average, on a 4.0 grading scale, or a*
33 *3.85 weighted grade point average, on a grading scale approved by the*
34 *Superintendent of Public Instruction if a different grading scale is used.*

35 2. ~~*Achieves a certificate of skill attainment in his or her program of career*~~
36 ~~*and technical education.*~~

37 ~~3.~~ *Demonstrates proficiency in science, technology, engineering and*
38 *mathematics by earning:*

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

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

41 (c) *At least 1 credit in computer science.* ~~*+*~~

42 ~~*(d) At least 3 credits in a career and technical education program of study*~~
43 ~~*involving engineering, manufacturing, for electronics*~~ ~~*+*~~

44 ~~*(e) or a career and technical education program of study in information and*~~
45 ~~*media technologies or skilled and technical sciences;*~~

46 ~~*(d) Any one of the following:*~~

47 ~~*(1) A score of 3 or higher on an advanced placement examination in*~~
48 ~~*science;*~~

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

(3) A score of 650 or higher on ~~the~~ a SAT Subject Test in science;

(4) A score of ~~120~~ 23 or higher on the ACT in science; ~~for~~

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

(6) A score of gold or higher on the ACT National Career Readiness Certificate; and

~~for~~ (e) Any one of the following:

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

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

(3) A score of ~~1650~~ 530 or higher on the SAT in mathematics;

(4) A score of ~~120~~ 22 or higher on the ACT in mathematics; ~~for~~

(5) A grade of B or higher in a college-level mathematics course completed through dual enrollment ~~for~~; or

(6) A score of gold or higher on the ACT National Career Readiness Certificate.

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

2. The Superintendent of Public Instruction shall:

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

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

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

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

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

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

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

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

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

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

~~3.1~~ Demonstrates proficiency in science, technology, engineering, the arts and mathematics by earning:

(a) At least ~~four~~ 3 credits in science;

(b) At least 4 credits in mathematics;

(c) At least 1 credit in computer science ~~four~~, engineering, manufacturing, electronics or a career and technical education program of study in information and media technologies or skilled and technical sciences;

(d) At least ~~three~~ credits in a career and technical education program of study involving art technology; 1 credit in fine arts;

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

~~(f)~~ Any one of the following:

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

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

(3) A score of 650 or higher on ~~the~~ a SAT Subject Test in science;

(4) A score of ~~20~~ 23 or higher on the ACT in science; ~~four~~

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

(6) A score of gold or higher on the ACT National Career Readiness Certificate; and

~~(g)~~ (f) Any one of the following:

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

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

(3) A score of ~~650~~ 530 or higher on the SAT in mathematics;

(4) A score of ~~20~~ 22 or higher on the ACT in mathematics; ~~four~~

(5) A grade of B or higher in a college-level mathematics course completed through dual enrollment ~~four~~; or

(6) A score of gold or higher on the ACT National Career Readiness Certificate.

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

Sec. 7. This act becomes effective:

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

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