

## H.B. 139

# SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS ACTION CENTER

HOUSE COMMITTEE AMENDMENTS

AMENDMENT 2

FEBRUARY 20, 2013 3:52 PM

Representative **Val L. Peterson** proposes the following amendments:

1. *Page 2, Lines 36 through 44:*

36 Money Appropriated in this Bill:

37 This bill appropriates in fiscal year 2014:

38 ▶ to ~~{the General Fund Restricted}~~ Governor's Office of Economic Development ~~=~~  
Administration, as

39 an ongoing appropriation:

40 • from the General Fund, ~~{\$14,000,000}~~ \$15,000,000;

▶ to Governor's Office of Economic Development - Administration, as a one-time appropriation:

• from the General Fund, (\$5,000,000); and

41 ▶ to State Board of Education - State Office of Education, as ~~{an ongoing}~~ a one-time

42 appropriation:

43 • from the General Fund, ~~{\$1,000,000}~~ \$5,000,000.

44 Other Special Clauses:

2. *Page 3, Lines 67 through 69:*

67 process, to provide services as part of the STEM Action Center pursuant to this part.

(5) "SEOP" has the same meaning as defined in Section 53A-1a-106.

68 ~~{(5)}~~ (6) "STEM" means science, technology, engineering, and mathematics.

69 ~~{(6)}~~ (7) "STEM Action Center" means the center described in Section 63M-1-3204.

3. *Page 4, Lines 116 through 118:*

116 (c) strategically engage industry and business entities to cooperate with the board:

117 (i) to ~~{provide}~~ support professional development and provide other assistance  
~~{to}~~ for educators and students;

118 and

4. *Page 5, Lines 142 through 146:*

142 (c) ensure that the STEM Action Center:

143 (i) is accessible by the public; and

144 (ii) includes the components described in Subsection (2); ~~{and}~~ =

(d) work cooperatively with the State Board of Education to implement the State Board of Education's STEM initiative described in Section 63M-1-3206; and

145            ~~{(d)}~~    (e) engage at least 25 private entities to provide financial support or employee time for  
146            STEM activities in schools in addition to what is currently provided by private entities.

5. *Page 5, Lines 147 through 151:*

147            (2) The executive director of the STEM Action Center shall:  
148            (a) ~~{provide}~~    support professional development ~~{to}~~    for educators regarding ~~{:~~  
149            ~~(i) blended learning models; and~~  
150            ~~(ii)~~ } education related instructional technology that supports STEM education ;  
151            (b) ensure that the STEM Action Center acts as a research and development center for

6. *Page 6, Line 157:*

157            (d) organize ~~{and}~~    , host , and facilitate participation in interscholastic STEM related  
competitions, fairs, and camps;

7. *Page 6, Line 182 through Page 7, Line 184:*

182            (o) ~~{implement}~~    support best methods of professional development, including methods of  
183            professional development that reduce cost and increase effectiveness, to help educators learn  
184            how to most effectively implement best practice learning tools in classrooms;

8. *Page 7, Lines 193 through 201:*

193            (t) ~~{track the performance of educators who receive}~~    support STEM professionals working  
to obtain a competency-based license in  
194            accordance with Section 53A-6-104.5;  
195            (u) ~~{target}~~    support targeted professional development for improved instruction in STEM in  
grades 6, 7,  
196            and 8, including:  
197            (i) improved instructional materials that are more dynamic and stimulating for  
198            students;  
199            (ii) targeted instruction for students who traditionally avoid enrolling in STEM  
200            courses; ~~{and}~~  
201            (iii) introduction of stimulating engineering courses; and  
(iv) introduction of other research based methods that support student achievement in STEM  
areas;

9. *Page 7, Lines 206 through 208:*

206 (w) develop and produce a low cost, highly-interactive, print and online mathematics  
207 ~~{textbook}~~ instructional support materials, for students in grades 7 and 8, that will meet the State  
Board of Education's core  
208 curriculum standards for mathematics.

10. Page 8, Lines 229 through 230:

229 find the best known methods of purchasing learning tools, including education related  
230 instructional technology, ~~{at the lowest possible cost}~~ in accordance with Title 63G, Chapter 6, Utah  
Procurement Code .

11. Page 8, Lines 231 through 240:

231 Section 6. Section **63M-1-3206** is enacted to read:  
232 63M-1-3206. Grants to schools for STEM ~~{career and technical}~~ education.  
233 (1) Subject to legislative appropriations, the State Board of Education shall award a  
234 ~~{grant}~~ grants to a school district or charter school to fund :  
(a) the school district's or charter school's STEM career and technical education courses  
235 if the school district or charter school provides matching funds for at least 100% of the grant  
236 amount ~~{.}~~ ; or  
(b) the school district's or charter school's STEM education plan described in Subsection (2).  
(2)(a) A school district or charter school may apply for a grant from the State Board of Education,  
through a competitive process, to fund the school district's or charter school's STEM education plan.  
(b) A school district's or charter school's STEM education plan shall:  
(i) focus on STEM education in grades 6, 7, and 8; and  
(ii) include a plan to increase the number of students in grade 8 who, through an SEOP process,  
plan to enroll in STEM courses as part of the high school course selection.  
237 ~~{(2)}~~ (3) The money awarded to a school district or charter school described in ~~{Subsection~~  
238 ~~{1}~~ this section may not be used to supplant funds for existing STEM ~~{career and technical}~~  
education  
239 courses, but shall be used to supplement STEM ~~{career and technical}~~ education courses.  
240 Section 7. Section **63M-1-3207** is enacted to read:

12. Page 9, Line 262 through Page 10, Line 281:

262 addition to any amounts previously appropriated for fiscal year 2014.  
263 To ~~{General Fund Restricted -}~~  
Governor's Office of Economic Development -- Administration  
264 From General Fund ~~{\$14,000,000}~~ \$15,000,000

