(2) "Educator" has the meaning defined in Section 53A-6-103.

(3) "Office" means the Governor's Office of Economic Development.

(4) "Provider" means a provider, selected by the board through a request for proposals process, to provide services as part of the STEM Action Center pursuant to this part.

(5) "STEM" means science, technology, engineering, and mathematics.

(6) "STEM Action Center" means the center described in Section 63M-1-3204.

Section 3. Section **63M-1-3202** is enacted to read:

63M-1-3202. STEM Action Center Board creation -- Membership.

(1) There is created the STEM Action Center Board within the office, composed of the following members:

(a) the governor or the governor's designee;

(b) Ĥ→ [~~at least~~] ←Ĥ four private sector members who represent business, appointed by the governor;

(c) the State Superintendent of Public Instruction or the State Superintendent of Public Instruction's designee;

(d) the Commissioner of Higher Education or the Commissioner of Higher Education's designee;

(e) a representative of the Department of Workforce Services, appointed by the director of the Department of Workforce Services; and

(f) the State Science Advisor described in Section 63M-1-606.

(2) Except as required by Subsection (3), members appointed by the governor shall be appointed to four-year terms.

(3) The length of terms of the members shall be staggered so that approximately half of the committee is appointed every two years.

(4) When a vacancy occurs in the membership for any reason, the replacement shall be appointed for the unexpired term.

(5) Attendance of a simple majority of the members constitutes a quorum for the transaction of official committee business.

(6) Formal action by the committee requires a majority vote of a quorum.

(7) A member may not receive compensation or benefits for the member's service, but may receive per diem and travel expenses in accordance with:

(d) facilitate participation in interscholastic STEM related competitions, fairs, and camps;

(e) engage private industry in the development and maintenance of the STEM Action Center;

(f) use resources to bring the latest STEM education learning tools into public education classrooms;

(g) identify at least 10 best practice innovations used in Utah schools that have resulted in at least 80% of students performing at grade level in STEM areas;

(h) identify at least 25 best practices being used outside the state and implement at least 10 of the best practices through a pilot program;

(i) identify:

(i) three learning tools per grade in each of grades kindergarten through grade 6 identified as best practices; and

(ii) three learning tools per STEM subject in each of grades 7 through grade 12 identified as best practices;

(j) provide a Utah best practices database Ĥ→ , ←Ĥ including best practices from public education, higher education, the Utah Education Network, and other STEM related entities;

(k) keep track of the following items related to the best practices database described in Subsection (2)(j):

(i) how the best practices database is being used; and

(ii) how many individuals are using the database, including the demographics of the users, if available;

(l) join and participate in a national STEM network;

(m) identify performance changes linked to use of the best practices database described in Subsection (2)(j);

(n) implement at least five applied learning curriculum pilots in classrooms;

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

(p) recognize a high school's achievement in the STEM competitions, fairs, and camps described in Subsection (2)(d);

(q) send student results from STEM competitions, fairs, and camps described in Subsection (2)(d) to media and ask that the media report on them in a similar manner;

(r) develop and distribute STEM toolkits to parents of students being tracked by Ĥ→ **the** ←Ĥ STEM Action Center;

(s) produce a newsletter at least once a week to be made available to interested individuals, including legislators;

(t) support STEM professionals working to obtain a competency-based license in accordance with Section 53A-6-104.5 and as granted by the State Board of Education;

(u) support targeted professional development for improved instruction in STEM in grades 6, 7, and 8, including:

(i) improved instructional materials that are more dynamic and stimulating for students;

(ii) targeted instruction for students who traditionally avoid enrolling in STEM courses;

(iii) introduction of stimulating engineering courses; and

(iv) introduction of other research based methods that support student achievement in STEM areas;

(v) ensure that an online college readiness assessment tool developed by the State Board of Regents be accessible by:

(i) public education students; and

(ii) higher education students; and

(w) develop and produce Ĥ→ [a] ←Ĥ low cost, highly Ĥ→ [-] ←Ĥ interactive, print and online mathematics instructional support materials Ĥ→ [,] ←Ĥ for students in grades 7 and 8 Ĥ→ [,] ←Ĥ that will meet the State Board of Education's core curriculum standards for mathematics.

(3) The board may prescribe other Ĥ→ **STEM education related** ←Ĥ duties for the STEM Action Center in addition to the responsibilities described in this section.

(4) (a) The executive director shall track and compare the student performance of students participating in a STEM Action Center program to all other similarly situated students in the state, in the following STEM related activities, at the beginning and end of each year:

(i) public education high school graduation rates;

(ii) the number of students taking a remedial mathematics course at an institution of

higher education described in Section 53B-1-102;

(iii) the number of students who graduate from a Utah public school and begin a postsecondary education program; and

(iv) the number of students, as compared to all similarly situated students, who are performing at grade level in STEM classes.

(b) The State Board of Education shall provide information to the board to assist the board in complying with the requirements of Subsection (4)(a) Ĥ→ **:**

(i) ←Ĥ if allowed under federal law Ĥ→ **[.] ; and**

(ii) in accordance with the requirements of the Federal Family Educational Rights and Privacy Act in 20 U.S.C. 1232 (g) and (h) and related federal regulations. ←Ĥ

Section 6. Section **63M-1-3205** is enacted to read:

63M-1-3205. Acquisition of education related instructional technology -- Research and development of education related instructional technology.

(1) The board shall select one or more providers, through a request for proposals process, to provide education related instructional technology for educators and students.

(2) Before issuing a request for proposals described in Subsection (1), the board shall find the best known methods of purchasing learning tools, including education related instructional technology, in accordance with Title 63G, Chapter 6, Utah Procurement Code.

Section 7. Section **63M-1-3206** is enacted to read:

63M-1-3206. Report to Legislature and the State Board of Education.

(1) The board and all providers shall report the progress of the STEM Action Center, including the information described in Subsection (2), to the following groups once each year:

(a) the Education Interim Committee;

(b) the Public Education Appropriations Subcommittee; and

(c) the State Board of Education.

(2) The report described in Subsection (1) shall include information that demonstrates the effectiveness of the program, including:

(a) the number of educators receiving professional development;

(b) the number of students receiving services from the STEM Action Center;

(c) a list of the providers selected pursuant to this part;

(d) a report on the STEM Action Center's fulfilment of its duties described in Subsection 63M-1-3204; and

(e) student performance of students participating in a STEM Action Center program as collected in Subsection 63M-1-3204 Ĥ→ **[~~(5)~~] (4)** ←Ĥ .

Section 8. **Repealer.**

This bill repeals:

Section **63M-1-608, Science education program.**

Section 9. **Appropriation.**

Under the terms and conditions of Title 63J, Chapter 1, Budgetary Procedures Act, for the fiscal year beginning July 1, 2013, and ending June 30, 2014, the following sums of money are appropriated from resources not otherwise appropriated, or reduced from amounts previously appropriated, out of the funds or accounts indicated. These sums of money are in addition to any amounts previously appropriated for fiscal year 2014.

To Governor's Office of Economic Development - Administration

From General Fund $15,000,000

From General Fund, one-time ($5,000,000)

Schedule of Programs:

Administration $10,000,000

To State Board of Education - Related to Basic School Programs

From General Fund, one-time $5,000,000

Schedule of Programs:

STEM Education Grant Program $5,000,000

The Legislature intends that:

(1) the appropriation for Administration be used Ĥ→ **[~~to~~]** ←Ĥ :

(a) Ĥ→ **to** ←Ĥ establish a STEM Action Center as described in Section 63M-1-3204;

(b) Ĥ→ **to** ←Ĥ establish a physical location for the STEM Action Center; and

(c) for education related instructional technology as described in Section 63M-1-3205;

(2) the appropriation for Ĥ→ **the** ←Ĥ STEM Education Grant Program be used by the State Board of Education to award grants to school districts and charter schools for STEM related education courses as described in Section 53A-17a-169;

(3) the appropriation described in Subsection (1):

(a) be ongoing; and

(b) not lapse at the close of fiscal year 2014; and

(4) the appropriation described in Subsection (2):

(a) be one-time; and