

111TH CONGRESS
1ST SESSION

S. 1210

To establish a committee under the National Science and Technology Council with the responsibility to coordinate science, technology, engineering, and mathematics education activities and programs of all Federal agencies, and for other purposes.

IN THE SENATE OF THE UNITED STATES

JUNE 8, 2009

Mr. KAUFMAN (for himself and Mr. BROWN) introduced the following bill; which was read twice and referred to the Committee on Commerce, Science, and Transportation

A BILL

To establish a committee under the National Science and Technology Council with the responsibility to coordinate science, technology, engineering, and mathematics education activities and programs of all Federal agencies, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “STEM Education Co-
5 ordination Act of 2009”.

1 **SEC. 2. DEFINITION.**

2 In this Act, the term “STEM” means science, tech-
3 nology, engineering, and mathematics.

4 **SEC. 3. COORDINATION OF FEDERAL STEM EDUCATION.**

5 (a) ESTABLISHMENT.—The Director of the Office of
6 Science and Technology Policy shall establish a committee
7 under the National Science and Technology Council with
8 the responsibility to coordinate Federal programs and ac-
9 tivities in support of STEM education, including at the
10 National Science Foundation, the Department of Energy,
11 the National Aeronautics and Space Administration, the
12 National Oceanic and Atmospheric Administration, the
13 Department of Education, and all other Federal agencies
14 that have programs and activities in support of STEM
15 education.

16 (b) RESPONSIBILITIES.—The committee established
17 under subsection (a) shall—

18 (1) coordinate the STEM education activities
19 and programs of the Federal agencies;

20 (2) develop, implement through the partici-
21 pating agencies, and update once every 5 years a 5-
22 year STEM education strategic plan, which shall—

23 (A) specify and prioritize annual and long-
24 term objectives;

1 (B) specify the common metrics that will
2 be used to assess progress toward achieving the
3 objectives;

4 (C) describe the approaches that will be
5 taken by each participating agency to assess the
6 effectiveness of its STEM education programs
7 and activities; and

8 (D) with respect to subparagraph (A), de-
9 scribe the role of each agency in supporting
10 programs and activities designed to achieve the
11 objectives; and

12 (3) establish, periodically update, and maintain
13 an inventory of federally sponsored STEM education
14 programs and activities, including documentation of
15 assessments of the effectiveness of such programs
16 and activities and rates of participation by women,
17 underrepresented minorities, and persons in rural
18 areas in such programs and activities.

19 (c) RESPONSIBILITIES OF OSTP.—The Director of
20 the Office of Science and Technology Policy shall encour-
21 age and monitor the efforts of the participating agencies
22 to ensure that the strategic plan under subsection (b)(2)
23 is developed and executed effectively and that the objec-
24 tives of the strategic plan are met.

1 (d) REPORT.—The Director of the Office of Science
2 and Technology Policy shall transmit a report annually to
3 Congress at the time of the President’s budget request de-
4 scribing the plan required under subsection (b)(2). The
5 annual report shall include—

6 (1) a description of the STEM education pro-
7 grams and activities for the previous and current fis-
8 cal years, and the proposed programs and activities
9 under the President’s budget request, of each par-
10 ticipating Federal agency;

11 (2) the levels of funding for each participating
12 Federal agency for the programs and activities de-
13 scribed under paragraph (1) for the previous fiscal
14 year and under the President’s budget request;

15 (3) except for the initial annual report, a de-
16 scription of the progress made in carrying out the
17 implementation plan, including a description of the
18 outcome of any program assessments completed in
19 the previous year, and any changes made to that
20 plan since the previous annual report; and

21 (4) a description of how the participating Fed-
22 eral agencies will disseminate information about fed-
23 erally supported resources for STEM education
24 practitioners, including teacher professional develop-
25 ment programs, to States and to STEM education

1 practitioners, including to teachers and administra-
2 tors in schools that meet the criteria described in
3 subsection (c)(1) (A) and (B) of section 3175 of the
4 Department of Energy Science Education Enhance-
5 ment Act (42 U.S.C. 7381j(c)(1) (A) and (B)).

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