

**SENATE . . . . . No. 2276**

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**The Commonwealth of Massachusetts**

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**In the Year Two Thousand Ten**  
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An Act to improve STEM education in the Commonwealth.

*Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows:*

1 SECTION 1. Paragraph 8 of section 1G of Chapter 15 of the General Laws is hereby  
2 amended by adding the following 7 sentences:-

3 The council shall create a task force composed of members who have demonstrated  
4 scholarship or creativity in, or distinguished service to, science, technology, engineering or  
5 mathematics, and shall be broadly representative of those areas. The task force shall consist of  
6 15 members: 1 of whom shall be a representative of the Massachusetts school building authority;  
7 11 members shall be appointed by the board: 7 of whom shall be science and mathematics  
8 educators in public schools throughout the commonwealth; 1 of whom shall be a science  
9 educator from a public high school; 1 of whom shall be a mathematics educator from a public  
10 high school; 1 of whom shall be a science educator from a public middle school; 1 of whom  
11 shall be a mathematics educator from a public middle school; 1 of whom shall be a science  
12 educator from a public elementary school; 1 of whom shall be a mathematics educator from a  
13 public elementary school; and 2 of whom shall be curriculum coordinators representing distinct  
14 STEM subject areas.

15           The task force shall also include 3 members whom shall be representatives of business  
16 firms in the areas of science, technology, engineering or mathematics; 2 of whom shall represent  
17 non-profit science or math education research organizations; provided further the 3  
18 representatives shall be appointed by the Robert H. Goddard Council on Science, Technology,  
19 Engineering and Mathematics Education established under section 4A of chapter 15A.

20           The task force shall investigate and study STEM education in the commonwealth,  
21 including but not limited to the following: a study of current science laboratory facilities and  
22 equipment in public schools for all grade levels, a review of curricula used for science and math  
23 education in grades kindergarten through twelve, and a comprehensive review of current  
24 professional development programs in the science, technology, engineering and math areas  
25 throughout the commonwealth. The task force shall develop recommendations for the  
26 improvement of curricula and facilities for science, technology, engineering and math education  
27 in grades kindergarten to 12, inclusive. Said recommendations shall include ways to increase  
28 inquiry based science education. The taskforce shall report to the general court the results of its  
29 investigation and study and its recommendations, if any, together with drafts of legislation  
30 necessary to carry out such recommendations, by filing the same with the clerks of the senate  
31 and house who shall forward the same to the chairs of the joint committee on education on or  
32 before December 31, 2010.