

# SENATE NO. 367

## **AN ACT** RELATIVE TO IMPROVING SCIENCE, TECHNOLOGY, ENGINEERING AND MATH 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. There shall be commission to study ways to improve science, technology,  
2 engineering and math, to be known as STEM, education in the commonwealth. Said study shall  
3 include, but not be limited to the following: (a)increasing the number of new STEM teachers  
4 by: (i)improving training of STEM teachers, (ii)recruiting individuals from industry to take up  
5 teaching STEM subjects,(iii) creating a scholarship/loan forgiveness program for STEM  
6 teachers; (b) providing effective professional development to veteran teachers by: (i) examining  
7 the professional development offered to and required of teachers with the intent of improving  
8 mastery of the subjects taught and increasing interest in students in pursuing advanced study in  
9 these fields, (ii) providing teachers with sustained opportunities for continuing their own  
10 education by exploring private/public partnerships; (c) improving curriculums by, (i) providing  
11 mechanisms to allow teachers and schools to share best practices, (ii) allowing eligible students  
12 take advance courses – at public colleges if they are not available at the high schools, (iii)  
13 expanding e-learning; and (d) investing in facilities by, (i) increasing the number of laboratories

14 in which to teach science, (ii) increasing the number of partnerships between schools and  
15 private sector companies for internship experiences; and (e) keeping kids interested in STEM.  
16 Said commission shall submit a report of their findings to the Senate and House Committees on  
17 Ways and Means, the Joint Committee on Education and the Joint Committee on Economic  
18 Development and Emerging Technologies.