One Hundred Fourteenth Congress
of the
United States of America

AT THE FIRST SESSION

Began and held at the City of Washington on Tuesday,
the sixth day of January, two thousand and fifteen

An Act

To define STEM education to include computer science, and to support existing
STEM education programs at the National Science Foundation.

Be it enacted by the Senate and House of Representatives of
the United States of America in Congress assembled,

SECTION 1. SHORT TITLE.

This Act may be cited as the “STEM Education Act of 2015”.

SEC. 2. DEFINITION OF STEM EDUCATION.

For purposes of carrying out STEM education activities at
the National Science Foundation, the Department of Energy, the
National Aeronautics and Space Administration, the National Oceanic
and Atmospheric Administration, the National Institute of Standards and Technology, and the Environmental Protection
Agency, the term “STEM education” means education in the subjects
of science, technology, engineering, and mathematics, including com-
puter science.

SEC. 3. INFORMAL STEM EDUCATION.

(a) GRANTS.—The Director of the National Science Foundation,
through the Directorate for Education and Human Resources, shall
continue to award competitive, merit-reviewed grants to support—
(1) research and development of innovative out-of-school
STEM learning and emerging STEM learning environments
in order to improve STEM learning outcomes and engagement
in STEM; and
(2) research that advances the field of informal STEM
disciplines, or integrative STEM initiatives and shall include—
(1) research and development that improves our understand-
ing of learning and engagement in informal environments,
including the role of informal environments in broadening
participation in STEM; and
(2) design and testing of innovative STEM learning models,
programs, and other resources for informal learning environ-
ments to improve STEM learning outcomes and increase
engagement for K–12 students, K–12 teachers, and the general
public, including design and testing of the scalability of models,
programs, and other resources.

SEC. 4. NOYCE SCHOLARSHIP PROGRAM AMENDMENTS.

(a) AMENDMENTS.—Section 10A of the National Science Foundation
Authorization Act of 2002 (42 U.S.C. 1862n–1a) is amended—
(1) in subsection (a)(2)(B), by inserting “or bachelor’s” after “master’s”;

(2) in subsection (c)—
   (A) by striking “and” at the end of paragraph (2)(B);
   (B) in paragraph (3)—
      (i) by inserting “for teachers with master’s degrees in their field” after “Teaching Fellowships”; and
      (ii) by striking the period at the end of subparagraph (B) and inserting “; and”;
   (C) by adding at the end the following new paragraph:
      “(4) in the case of National Science Foundation Master Teaching Fellowships for teachers with bachelor’s degrees in their field and working toward a master’s degree—
         (A) offering academic courses leading to a master’s degree and leadership training to prepare individuals to become master teachers in elementary and secondary schools; and
         (B) offering programs both during and after matriculation in the program for which the fellowship is received to enable fellows to become highly effective mathematics and science teachers, including mentoring, training, induction, and professional development activities, to fulfill the service requirements of this section, including the requirements of subsection (e), and to exchange ideas with others in their fields.”;

(3) in subsections (e) and (f), by striking “subsection (g)” each place it appears, and inserting “subsection (h)”;

(4) by redesignating subsections (g) through (i) as subsections (h) through (j), respectively; and

(5) by inserting after subsection (f) the following new subsection:

“(g) SUPPORT FOR MASTER TEACHING FELLOWS WHILE ENROLLED IN A MASTER’S DEGREE PROGRAM.—A National Science Foundation Master Teacher Fellow may receive a maximum of 1 year of fellowship support while enrolled in a master’s degree program as described in subsection (c)(4)(A), except that if such fellow is enrolled in a part-time program, such amount shall be prorated according to the length of the program.”.

(b) DEFINITION.—Section 10(i)(5) of the National Science Foundation Authorization Act of 2002 (42 U.S.C. 1862n–1(i)(5))
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is amended by inserting “computer science,” after “means a science,”.

Speaker of the House of Representatives.

Vice President of the United States and
President of the Senate.