

HR 2982

Computer Science in STEM Act of 2013

Congress: 113 (2013–2015, Ended)

Chamber: House

Policy Area: Education

Introduced: Aug 2, 2013

Current Status: Referred to the Subcommittee on Research and Technology.

Latest Action: Referred to the Subcommittee on Research and Technology. (Sep 24, 2013)

Official Text: <https://www.congress.gov/bill/113th-congress/house-bill/2982>

Sponsor

Name: Rep. Cárdenas, Tony [D-CA-29]

Party: Democratic • State: CA • Chamber: House

Cosponsors (1 total)

Cosponsor	Party / State	Role	Date Joined
Rep. Polis, Jared [D-CO-2]	D · CO		Aug 2, 2013

Committee Activity

Committee	Chamber	Activity	Date
Education and Workforce Committee	House	Referred to	Sep 13, 2013
Science, Space, and Technology Committee	House	Referred to	Sep 24, 2013

Subjects & Policy Tags

Policy Area:

Education

Related Bills

No related bills are listed.

Computer Science in STEM Act of 2013 - Amends the America COMPETES Reauthorization Act of 2010 to include computer science in that Act's definition of "STEM" as the academic and professional disciplines of science, technology, engineering, and mathematics.

Directs the Secretary of Education to award states: (1) two-year formula grants to develop comprehensive plans to strengthen elementary and secondary computer science education, and (2) competitive five-year matching grants to implement the improvements proposed in their comprehensive plans.

Requires such improvements to include: (1) challenging and grade-appropriate academic content standards for computer science, (2) grade-appropriate assessments of computer science learning, (3) programs to increase disadvantaged students' access to computer science courses, (4) computer science teacher training programs, (5) improved certification or licensure requirements and processes for such teachers, (6) programs to ensure that computer science courses are considered an integral part of the secondary school curriculum, (7) effective computer science curricula, and (8) computer science distance learning programs.

Requires states to partner with institutions of higher education (IHEs) and local educational agencies in implementing such measures.

Favors implementation grant applicants that emphasize serving low-performing schools and increasing the participation in computer science by students underrepresented in computing.

Amends the Elementary and Secondary Education Act of 1965 to authorize the Secretary to award five-year grants to IHEs to: (1) develop courses that prepare undergraduate students to teach elementary and secondary school computer science, and (2) develop and fund teacher mentoring programs to support new computer science teachers.

Amends the National Science Foundation Authorization Act of 2002 to include informatics and computer science majors and professionals in the Robert Noyce Teacher Scholarship Program (the Program recruits and prepares science, technology, engineering, and mathematics majors and professionals to become mathematics and science teachers).

Actions Timeline

- **Sep 24, 2013:** Referred to the Subcommittee on Research and Technology.
- **Sep 13, 2013:** Referred to the Subcommittee on Early Childhood, Elementary, and Secondary Education.
- **Aug 2, 2013:** Introduced in House
- **Aug 2, 2013:** Referred to the Committee on Education and the Workforce, and in addition to the Committee on Science, Space, and Technology, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned.