

114TH CONGRESS
1ST SESSION

H. RES. 554

Supporting the goals and ideals of “Computer Science Education Week”.

IN THE HOUSE OF REPRESENTATIVES

DECEMBER 7, 2015

Mrs. BROOKS of Indiana (for herself and Ms. DELBENE) submitted the following resolution; which was 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

RESOLUTION

Supporting the goals and ideals of “Computer Science Education Week”.

Whereas Computer Science Education Week highlights the crucial role that computer science plays in transforming our society, enabling innovation and creating economic opportunity;

Whereas computing technology is an integral part of culture and is transforming how people interact with each other and the world around them;

Whereas computer science is transforming industry, creating new fields of commerce, driving innovation in all fields of science, and bolstering productivity in established economic sectors;

Whereas the field of computer science underpins the information technology sector of our economy, which is a significant contributor to United States economic output;

Whereas the information technology sector is uniquely positioned to help with economic recovery through the research and development of new innovations;

Whereas the Bureau of Labor Statistics predicts that in the year 2022, there will be 9.9 million available computer science jobs in the science, technology, engineering and math (STEM) fields, and of those jobs, half will be in computing and information technology;

Whereas allowing students to participate in high-quality computer science activities exposes them to the rich opportunities the field offers and provides critical thinking skills that will serve them throughout their lives;

Whereas all students deserve the chance to receive a thorough preparation in computer science, including access to the qualified teachers, technology, and age-appropriate curricula needed to learn computer science at the elementary and secondary levels of education;

Whereas participating in an Hour of Code during Computer Science Education Week can serve to demystify the field of computer science and encourage more students to take up further studies of computer science;

Whereas the field of computer science has significant equity barriers to address, including attracting more participation by women and underrepresented minorities;

Whereas Grace Murray Hopper, one of the first women in the field of computer science, engineered new programming languages and pioneered standards for computer systems,

laying the foundation for future advancements in computer science; and

Whereas the week of December 7, in honor of Grace Hopper’s birthday, is designated as “Computer Science Education Week”: Now, therefore, be it

1 *Resolved*, That the House of Representatives—

2 (1) supports the goals and ideals of “Computer
3 Science Education Week”;

4 (2) encourages schools, educators, parents and
5 policymakers to participate in “Computer Science
6 Education Week” by enabling their students to par-
7 ticipate in the Hour of Code;

8 (3) encourages schools, teachers, researchers,
9 universities, business leaders and policymakers to
10 identify mechanisms for teachers to receive cutting
11 edge professional development to provide sustainable
12 learning experiences in computer science at all edu-
13 cational levels and encourage students to be exposed
14 to computer science concepts; and

15 (4) encourages opportunities, including through
16 existing programs, for women and underrepresented
17 minorities to pursue computer science education and
18 careers.

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