

File ID Number: 14-2446
Introduction Date: 12/10/14
Enactment Number: 14-244
Enactment Date: 12/10/14
By: O.S.

**RESOLUTION OF
THE BOARD OF EDUCATION
OF
THE OAKLAND UNIFIED SCHOOL DISTRICT**

RESOLUTION NO. 1415-0134

**Designating - Computer Science Education Week and the Hour of the Code - December 8-14,
2014**

WHEREAS, Computer Science Education Week highlights the crucial role that computer science plays in transforming our society and how computer science enables innovation and creates economic opportunities;

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

WHEREAS, computing technology 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 field of computer science is a foundational science for the digital age;

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

WHEREAS, the outlook for computer science jobs is bright with one in every two STEM jobs in the country in computing occupations;

WHEREAS, providing students the chance 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 a thorough preparation in computer science education, including access to the qualified teachers, technology, and age-appropriate curriculum needed to learn computer science at the elementary and secondary levels of education;

WHEREAS, computer science education has challenges to address, including counting computer science classes towards high school graduation requirements, and providing professional development of computer science teachers;

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 females and underrepresented minorities to all levels and branches;

WHEREAS, Grace Murray Hopper, one of the first females in the field of computer science, engineered new programming languages and pioneered standards for computer systems which laid the foundation for many advancement in computer science; and

WHEREAS, the week of December 8th, in honor Grace Hopper's birthday, is designated as 'Computer Science Education Week';

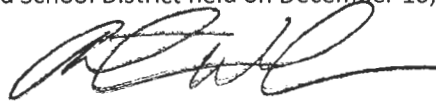
Now, Therefore, Be It Resolved, that Board of Education of the Oakland Unified School District;

- (1) supports the designation of Computer Science Education Week, December 8-14, 2014.
- (2) encourages schools, educators, parents and policy makers to participate in Computer Science Education Week by enabling their students to participate in the Hour of Code;
- (3) encourages schools, teachers, researchers, universities, business leaders and policymakers to identify mechanisms for teachers to receive cutting edge professional development to provide sustainable learning experiences to computer science at all educational levels and encourage students to be exposed to computer science concepts;
- (4) encourages policymakers to remove barriers that prevent computer science classes from being counted as math or science credits toward graduation requirements;
- (5) encourages opportunities, including through existing programs for females and underrepresented minorities in computer science.

APPROVED, PASSED AND ADOPTED by the Governing Board of the Oakland Unified School District on this 10th day of December, 2014, by the following vote:

AYES: Jody London, Anne Campbell Washington, Roseann Torres, Christopher Dobbins, Jumoke Hinton Hodge, Vice President James Harris, President David Kakishiba
NOES: None
ABSENT: None
ABSTAIN: None

I hereby certify that the foregoing is a full, true and correct copy of a Resolution adopted, at a Regular Meeting of the Governing Board of the Oakland Unified School District held on December 10, 2014.



Antwan Wilson, Superintendent and Secretary
Board of Education

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