

**CSEdWeek 2011 is a Call to Action** to raise awareness about computer science education and computing careers. Join with parents, students, teachers and others who are participating in CSEdWeek activities and events. Sign the pledge now to support CSEdWeek activities and events — <http://www.csedweek.org/forms/sign/pledge-step1>.

CSEdWeek is designated as December 4-10, in recognition of the birthday of computing pioneer Admiral Grace Murray Hopper (December 9, 1906).

#### **CSEdWeek aims to:**

- communicate the endless opportunities for which computer science education prepares students in K-12, higher education and careers;
- provide information and activities for students, educators, parents, and corporations to advocate for computer science education at all levels;
- eliminate misperceptions about computer science and computing careers.

#### **Why Computer Science?**

Computer science is ubiquitous; it touches everyone's daily lives and plays a critical role in today's society by driving innovation and economic growth. The field is shaping the future by solving some of the world's grandest challenges and creating today's most exciting innovations. Computing related jobs remain strong despite the nation's extraordinary economic challenges.

#### **Why Computer Science Education?**

Computer science education is essential to:

- expose students to critical thinking and problem solving;
- instill understanding of computational thinking for success in the digital age;
- train students for computing careers that are exciting, plentiful and financially rewarding;
- prepare students to tackle the world's most challenging problems.

Yet as the role and significance of computing has grown, the teaching of computer science in our K-12 education system has dramatically declined. There is insufficient innovative computing curricula for students at all levels; few students have the opportunity to study computer science in an engaging and rigorous way; there is a lack of ethnic and gender diversity among those who do take computer science courses; and teachers have few opportunities for professional development and certification in computer science education.

**Join In!** Everyone can participate:

- Take the CSEdWeek pledge! Register your support and share your plans to celebrate by selecting the Red Ribbon at <http://www.CSEdWeek.org>.
- 'Like' CSEdWeek on Facebook at [www.facebook.com/CSEdWeek](http://www.facebook.com/CSEdWeek) and join the conversation.
- Blog, tweet, and post to spread the word and raise awareness. Use the #CSEdWeek hashtag.
- Celebrate CSEdWeek in your school, club, or workplace.
- Visit [www.CSEdWeek.org](http://www.CSEdWeek.org) for other suggested activities and resources.

#### **Sponsors**

CSEdWeek is an collaborative activity of Computing in the Core (CinC), a non-partisan advocacy coalition of associations, corporations, scientific societies, and other non-profits that strive to elevate computer science education to a core academic subject in K-12 education. CSEdWeek's core partners are the Association for Computing Machinery, Microsoft, Google, Computer Science Teachers Association, National Center for Women & IT, IEEE Computer Society, Computing Research Association, College Board, Anita Borg Institute for Women in Technology, SAS, National Council of Teachers of Mathematics, and National Science Teachers Association.

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