Intel® Education Initiative: Four Decades of Educational Excellence

"We have the opportunity to create and cultivate knowledge and the capability to advance social and economic well being – not only of individuals, but of nations."
- Craig R. Barrett, Chairman, Intel Corporation

Intel believes that young people are the key to solving global challenges. A solid math and science foundation coupled with skills such as critical thinking, collaboration and problem solving are crucial for their success. That is why we get directly involved today in education programs, advocacy, and technology access to enable tomorrow's innovators.

Intel has invested over $1 billion and Intel employees have donated over 2.5 million hours in the past decade toward improving education in over 50 countries.

A Global Commitment, A Local Focus

Intel employees around the world devote their time to engaging local schools and students. They take on tasks such as reading to students, explaining algebraic equations, helping out on field trips, mentoring and providing real-world examples of what an engineer does every day.

Intel provides a cash donation for every hour an Intel employee volunteers at a local school or Intel Computer Clubhouse. In December 2008, Intel announced that in honor of its 40th anniversary, employees has completed 1 million hours of volunteer time during the year and the Intel Foundation donated $8 million to its communities.

In January 2009, Intel, Cisco and Microsoft announced a collaboration to underwrite a multi-sector research project to develop new assessment approaches, methods and technologies for measuring the success of 21st-century teaching and learning in classrooms around the world.

Teaching the Teachers

Intel believes that computers aren't magic – teachers are. The **Intel® Teach Program** helps teachers to be more effective educators by training them on how to integrate technology into their lessons, promoting problem solving, critical thinking and collaboration skills among their students. Intel Teach is the largest, most successful program of its kind. To date, we have trained 6 million teachers in 50 countries and plan to train millions more.

In September 2007, at the Clinton Global Initiative (CGI), Former President Bill Clinton announced Intel's commitment to bring its landmark teacher training program online to help more than 1.5 million additional teachers in 15 countries learn how to best integrate technology into their lesson plans to help students learn. Recognizing Intel's commitment to improving the quality of education worldwide, Clinton named Intel Chairman Craig Barrett to CGI's Education Advisory Committee. Barrett is the first private-sector partner to receive this honor.

Furthermore, in December 2007, Intel Teach was endorsed by Ján Figel, the EU Commissioner, responsible for Education, Training, Culture and Youth. Commissioner Figel complimented Intel on its engagement in Education and the professionalism of the program.

Recognizing Excellence in Math & Science

To expand elementary and secondary students' knowledge of and enthusiasm for science, mathematics and engineering, Intel sponsors a number of math and science competitions that recognize the accomplishments of students and their school, including:

- Intel International Science and Engineering Fair
  For more than a decade, Intel has sponsored the world's largest pre-college science fair, the annual Intel International Science and Engineering Fair, a program of Society for Science & the Public (SSP). The competition brings together millions of young scientists to share ideas, showcase cutting-edge science, and compete for scholarships. The competition encourages students to tackle challenging scientific questions through authentic research practices to solve the problems of tomorrow.

  In 2008, the Intel International Science and Engineering Fair brought together more than 1,500 young scientists from over 50 countries, regions and territories to compete for more than $4 million in awards and scholarships.

- Intel Science Talent Search
  A $100,000 scholarship awaits the winner of America's oldest and most prestigious pre-college science competition. Intel Science Talent Search, a program of Society for Science & the Public (SSP), encourages students to tackle challenging scientific questions and develop the skills to solve the problems of tomorrow.

  In October 2008 the Intel Foundation committed $120 million to SSP over the next ten years to continue its sponsorship of the Intel Science Talent Search and the Intel International Science and Engineering Fair. In January 2009, Intel and SSP launched two new programs:
  - A nationwide search to find past alumni of the Science Talent Search to link past alumni with current participant and provide news resources and an inspiring community of peers for future young scientists.
  - A Fellows Program, which will provide funds and training to select U.S. science and math teachers, with the goal of encouraging more under-resourced students to produce high-quality, independent scientific research.

- Intel Schools of Distinction
  The Intel Schools of Distinction Awards honor U.S. schools that have demonstrated excellence in math and science education. The winning programs serve as models for schools across the country. By replicating proven programs such as these, schools everywhere can reinvigorate their own science and mathematics programs, inspiring generations of future scientists and mathematicians.

- Intel+UC Berkeley Technology Entrepreneur Challenge
  Founded in 2005 through a collaboration between UC Berkeley and Intel, IBTEC seeks to support and promote entrepreneurship globally, predominantly in developing countries. Not only does the winning team receive $25,000 and the winning title, but its members also have direct visibility and interaction with more than 20 leading venture capitalist firms.

Advancing Innovation: Helping Students Learn

- Intel Computer Clubhouse Network

An after-school, community-based learning program that enables youth in underserved areas to access cutting-edge technology and become self-confident, motivated learners. The Network is based on a learning model created by the Boston Museum of Science in collaboration with MIT Media Labs. The Intel Computer Clubhouse Network has brought technology access to more than 25,000 youth at over 100 Clubhouses in 20 countries.

- Intel® Learn Program
  Delivered in informal education settings, the Intel Learn Program provides opportunities for young learners in developing countries to learn key skills needed for tomorrow's success, with a focus on technology literacy, problem solving, and collaboration. Intel Learn has helped more than 890,000 learners in nine countries develop skills for success.

- Intel® Higher Education Program
  The Intel Higher Education Program is a collaborative worldwide effort – working with more than 150 universities and governments in 34 countries – that not only brings cutting-edge technology expertise to universities, but also helps move that technology from university labs to local communities through research grants, technology entrepreneurship forums, and mentoring by Intel technologists. In 2008, Intel awarded grants totaling over $21million, enabling research conducted by leading universities around the world. Continuing the focus on research, Intel provided graduate fellowship support to more than 250 students worldwide.

- skoool™
  The *skoool*™ Learning and teaching program provides teachers and students online access to science and mathematics resources and tools set in an engaging, multimedia environment to help improve learning.

About Intel

Intel, the world leader in silicon innovation, develops technologies, products and initiatives to continuously advance how people work and live.

For more information on Intel's leadership in education, please visit www.intel.com/education. To join Intel's global community of people inspired by education, visit www.inspiredbyeducation.com.

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