intel®
Education

Intel® Education Solutions
Engage Students. Empower Educators.

A New Era of Learning and Opportunity

Advancements in technology are opening up entirely new opportunities for improving learning and teaching around the world. Exciting developments in interactive content, technology platforms, services, and instructional approaches are transforming education, enabling greater student access and achievement.
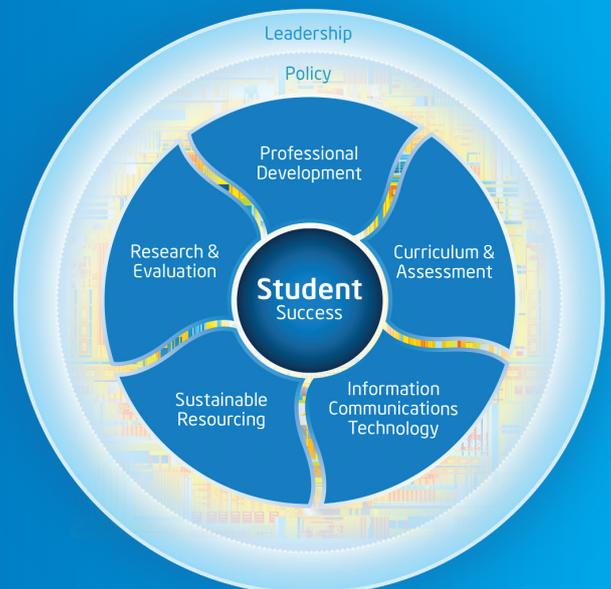
Intel, a leading innovator with vast experience in delivering successful education solutions, provides the critical foundation able to help educators, governments, and communities benefit from the unprecedented potential of technology, both today and in the future.

Its open architecture, broad ecosystem, pioneering products, and deep expertise in subjects ranging from professional development for educators to cloud computing uniquely position Intel as a powerful ally in advancing student success and developing innovation economies around the world.

Promoting Innovation Economies Worldwide

Government leaders increasingly understand that an educated populace is the first prerequisite for local innovation, economic growth, and enhanced quality of life. Because history has shown that growing the number of educated citizens is the best way to spark not only new businesses, but entirely new industries.

Technology is helping support that goal by increasing access to a wide range of compelling content that provides students around the world the opportunity to achieve. Bringing deep technology expertise, Intel provides the foundation educators and governments can build upon to improve learning, spur growth, and generate new economic opportunities for all.

A Model for Success: Education Transformation

Intel relies on a systemic approach to education transformation that is based on educational research and supports best practices for achieving student success.

The model includes the following key pieces:

- Visionary leadership team
- Policy to encourage 21st C learning
- Professional development for educators
- Curriculum standards, content, and assessment
- Information and communications technology
- Sustainable resourcing for long term success
- Research and evaluation to guide improvement

Intel® Education Solutions in Action

Sweden

- In 2010, Ale Municipality rolled out a 1:1 eLearning initiative for students in grades 1–3.
- The initiative included Intel® classmate PCs for students and professional development for teachers.
- From 2010 to 2011, 3rd-grade students showed 18% improvement in math, 8% in writing, and 19% in reading.

Venezuela

- The 1:1 eLearning program provided 1.5M students with PCs and professional development for more than 1,000 teachers.
- In addition to bridging the digital divide for students, the program created near-term economic opportunities as the PCs were assembled in a new local factory.

Malaysia

- In 2009, Terengganu province launched an initiative to increase access and digital literacy among students and families.
- The 1:1 eLearning initiative provided Intel® classmate PCs for more than 100,000 students and professional development through the Intel® Teach Program for more than 3,000 teachers.
- The initiative has bridged the digital divide by bringing PCs into the homes of low-income rural students, benefiting students and their families.

Solutions for 21st Century Education

Intel® Education Solutions enable a 21st century learning environment based on a full-featured, open architecture and software applications that promote learning through exploration and interpretation, while assisting IT in protecting students as well as managing the infrastructure. Intel is also supported by a robust ecosystem that delivers locally relevant, integrated solutions.

Flexible, full-featured platforms for anywhere, anytime, anyway learning

Student success is best served by a combination of learning and teaching platforms, from tablets and notebooks to laptops and desktops, as well as the data center on the back end. Intel® architecture products offer the flexibility of an open architecture so educators can choose the peripherals, software, instructional content, and infrastructure they need, making it easy to integrate into the classroom now and in the future. The products are full-featured solutions that support the development of 21st century skills and anywhere, anytime, anyway learning. Intel also equips these products with the manageability and security capabilities required to keep students safe, while simultaneously maximizing learning time by minimizing downtime.

Software to help students learn and teachers teach

Intel® Education Software offers a comprehensive suite of applications that helps students develop key skills through exploration and interpretation, including critical thinking and problem solving, creativity and innovation, communication, and collaboration. It helps teachers facilitate learning and efficiently manage their classroom at the same time it assists IT in protecting students and managing infrastructure.

Locally relevant solutions based on a robust ecosystem

The Intel® Education Alliance brings together hardware, software, content, infrastructure, and service providers to deliver locally relevant, integrated solutions to students worldwide, starting with the required connectivity. This rich ecosystem enables a comprehensive, sustainable solution, while increasing local technology capacity and creating new economic development opportunities in the communities Intel serves.

Learn More about Intel® Education Solutions

Find additional details about Intel education programs, technologies, and resources at: **www.intel.com/education.**