

Intel® Teach Program Leadership Forum

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Welcome to the Intel® Teach Program Leadership Forum.

From innovative approaches and pedagogy to integrating new technologies, school leaders like yourself are a critical component of educational improvement, preparing the next generation to succeed in today's knowledge economy. Research underscores the important role leadership plays in the successful integration of technology into teaching and learning. Therefore, on behalf of Intel, I thank you for taking part in the Intel® Teach Leadership Forum.

Since 1999, the Intel® Teach Program has helped over 6 million educators in more than 50 countries gain essential skills in using technology to enhance student learning and higher-order thinking skills. Designed by educators and offered in collaboration with governments, our programs give you critical tools for teaching 21st century skills.

As a fellow leader, I know that innovation involves taking calculated risks but yields big rewards. Your participation in the Intel Teach Program brings that same spirit to your schools, where I know your teachers and students will be the true winners.

Best regards,

A handwritten signature in black ink, appearing to read "Paul Otellini". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Paul Otellini
Chief Executive Officer
Intel Corporation

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Introduction

Welcome to the Intel® Teach Leadership Forum

Like you, Intel is passionate about education; we know education is the foundation for innovation and opportunity. On behalf of Intel, we appreciate your commitment to the future of your teachers, students, and profession as an educational leader.

Districts and schools today, more than ever, need to use technology as a tool to enhance teaching and learning. This forum helps you plan, promote, model, and support the effective integration of technology as a learning tool. We thank you for investing your time and energy into this forum, and for your commitment to preparing your teachers and students to be successful in today's world.

Intel® Education Initiative

Working with educators from around the world, Intel is preparing today's young people to flourish in the knowledge-based economy of the 21st century. Dedicated teachers nurture the innovative potential in students—preparing young people to step into a world where understanding technology can help shape success. Young people today are entering a global economy where they will be challenged to analyze information, collaborate, and communicate ideas using an ever-changing array of technology. Our goal at Intel is to help K-12 teachers be more effective educators by training them to integrate technology into instructional planning and teaching.

As part of our network of educational leaders, your involvement and support of teachers play an integral role in helping teachers prepare students to succeed in today's global community. The Intel Education Initiative consists of several programs that serve teachers in elementary and secondary education, higher education, and community education:

- Intel® Education Web site
- Intel® Teach Program
- Intel® Learn Program
- Intel Computer Clubhouse Network
- Intel Sponsored Science Competitions:
 - o Intel Science Talent Search (Intel STS)
 - o Intel International Science and Engineering Fair (Intel ISEF)



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Use of the Curriculum and Resource CD

In the Intel® Leadership Forum curriculum manual, icons provide guidance throughout the activities. A glossary of educational and technical terms is also available on the Resource CD.



Save your work



View resources on the Resource CD



View resources on the Web



Note a helpful hint, idea, tip, or warning



Discuss or share with your colleagues




The Resource CD is an integral part of the training and is used throughout the forum. Forum tools, files, and the Intel® Education Web site can be accessed through the CD Index or directly through the folder structure.

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Logon Information

Use this page to write down the logon information for Web sites used in the Forum. Refer to the list as needed.

Blogging Site

 My blog URL: _____

Logon ID: _____

Password: _____

Wiki Site

Forum wiki URL: _____

Logon ID: _____

Password: _____

Online Collaborative Web Site

Collaborative Web site URL: http://docs.google.com

Logon ID: _____

Password: _____

Intel® Education Initiative: K-12 Teaching Tools

Thinking Tools URL: www.intel.com/education/tools

Visual Ranking Tool URL: www.intel.com/education/visualranking

Teacher ID: _____

Password: _____

Getting Started

Introducing the Forum

The Intel® Teach Leadership Forum helps education leaders plan, promote, model, and support the effective integration of technology as a learning tool. The Intel® Teach program presents a major focus shift from simply using technological tools for integrating technology to improving teacher effectiveness in support of improved student achievement. The Leadership Forum focuses on specific, concrete steps you can take to support this initiative and gives you hands-on experiences with technology, resources, and standards.

Essential Question

How can educational leaders support teacher effectiveness to improve student achievement?

Objectives

- Introduce yourself and meet other forum participants
- Understand the forum's goals, purpose, expectations, and scope
- Preview the Action Plan

Tools

- Action Plan Template

In this activity, you introduce yourself and meet other forum participants. Use the lines below to note points you want to share about yourself, including your name, role, school or district name, and school or district size.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins or other markings on the paper.

Activity 2: Identifying the Essential Question and Goals

Essential Question

The Intel® Teach Leadership Forum is based on the following Essential Question:

**How can educational leaders support teacher effectiveness
to improve student achievement?**

Forum Goals

The Leadership Forum helps instructional leaders promote and support technology integration to improve teacher effectiveness and enhance student achievement.

In this forum, you will:

- Examine the critical role educational leaders play in promoting, modeling, and supporting effective integration of technology
- Identify, access, and use available resources and technology tools to support professional development, educator practice, and student learning
- Create a prioritized list of specific leadership behaviors that promote the integration of technology as a tool to improve student learning
- Review, analyze, and apply the ISTE Essential Conditions and ISTE National Educational Technology Standards for Leaders/Administrators (NETS-A)
- Synthesize understanding and begin to develop an Action Plan to implement in your school or district

Defining Technology Integration

For the purpose of this forum, *technology integration* is defined as:

The process of teachers and students routinely and seamlessly using technology resources and technology-based practices to enhance learning.

Activity 3: Previewing the Action Plan

Developing an Action Plan enables you to proactively plan specific actions you can take to promote and encourage the effective integration of technology to improve teaching and learning.

In Module 4, you will consider how to support technology integration over time and how to align your actions with national leadership standards. The Action Plan Template serves as a framework for thinking and decision making. In the template, the ISTE NETS-A standards are referenced, and suggested time frames are included for your consideration.

As you work through the forum, think about the following questions, which you will revisit in Module 4 when you begin developing your Action Plan:

- Where is your school's or district's technology focus?
- What are your priority areas for school- or district-wide technology integration?
- What specific areas will be the focus for school- or district-wide technology professional development?
- Do you need to consider equitable access when identifying short-, medium-, and long-range goals?

Whatever your particular needs are for yourself, your school, and your district, you are more likely to successfully address your priorities if you have a plan.

Previewing the Action Plan now sets the stage for future work in the forum. Research shows that if you use relevant and meaningful professional development materials during your training, your chances of implementing the materials greatly improves, and you are more likely to attain your daily and long-term goals.



Evaluating Professional Development: An Approach to Verifying Program Impact on Teachers and Students

www.nsdc.org/library/publications/research/shaha.pdf (PDF; 18 pages)

Research Points: Essential Information for Education Policy

www.aera.net/uploadedFiles/Journals_and_Publications/Research_Points/RPSummer05.pdf (PDF; 4 pages)

Summary

Review the Essential Question and key points. Think about the forum's goals and objectives. In the upcoming modules, you will learn about and discuss ways to support, model, and promote effective integration of technology.

Essential Question:

- How can educational leaders support teacher effectiveness to improve student achievement?

Key Points:

- Technology integration is the process of teachers and students routinely and seamlessly using technology resources and technology-based practices to enhance learning.
- The Leadership Forum will help you plan, promote, model, and support the effective technology integration.
- Developing an Action Plan enables you to proactively plan specific actions that you can take to promote and encourage the effective integration of technology to improve teaching and learning.

[illegible]