



Intel Education

Transforming Learning with One to One

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Digital Manual 1.0

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**Welcome**

Transforming Learning with One to One has been specifically designed for teachers who are about to implement teaching and learning in a one to one eLearning classroom. This training will inspire you to leverage one to one eLearning to explore new models for teaching and learning, to build and assess the skills that your students will need to thrive in a Digital Age and to connect your students to the world beyond the classroom. This training has been developed as four interconnected modules. These modules will have a few common components and build off one another, to bring you to a stage of integration that will make use of new technologies and carefully planned curriculum.

In Module One, you will be introduced to an informal Laptop Learning Level survey that you will revisit throughout the modules. You will use results from this survey, along with your curriculum map, to consider areas where you are interested in integrating technology into your classroom. Next you will engage with the innovative Range of Use Interactive framework where you will be introduced to a framework for thinking about technology

Overview

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integration, coupled with scenarios of classroom teachers' work with tools and curriculum across grade levels. Our hope is that as you move through Module One you begin thinking about your current curriculum and ways to integrate new digital tools in your one to one eLearning environment.

In Module Two, you will continue to think about your curriculum through the framework of the Instructional Planning Packet. Using Activity Checklists and Activity Rubrics you will experience a "lesson" as a student rather than as a teacher. Working with a team, you will explore classroom management issues in a one to one eLearning environment, present your findings to the group and share your findings with the outside world. After experiencing a model lesson from the student/participant perspective, you will use the Activity Checklist and Activity Rubric to assess the lesson and better understand how each component was or was not addressed.

In Module Three you will consider technical issues related to planning for and troubleshooting within one to one eLearning environments. You will be provided resources for troubleshooting and technology tip sheets to get you started. To wrap up this module you will revisit the Instructional Planning Packet and begin to work on activities for your curriculum in terms of technology integration.

Module Four is designed for you to complete after you leave the training, working in collaboration with a learning community. This module will help you establish some general operating procedures for your learning community and provide you with nine months of activities for your learning community to utilize as you begin implementing new strategies and ideas from the training.

Overall, the training has been designed to provide a hands-on inquiry into new tools that support teaching and learning, and a focus on the mindful integration of technology into your curriculum.

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Letter from Intel CEO Paul Otellini

Congratulations on your commitment to prepare your students with the skills they need to be innovators and leaders of tomorrow, as well as life-long learners. I truly believe that one-to-one computing, combined with effective teacher leadership, will transform education in ways we cannot even imagine.

Transforming Learning with One to One was designed to inspire you to explore new models for teaching and learning, to build and assess the 21st century skills that your students will need to thrive in a Digital Age and to connect your students to the world beyond the classroom.

Twenty-first century skills such as digital literacy, problem solving, critical thinking, and collaboration are the key to helping today's students be successful in their future endeavors. And we believe these skills are best developed in powerful learning environments supported by technology. This is why Intel is proud to support educators like you with quality, ongoing teacher professional development, focused on 21st century skills and effective integration of technology.

Dedicated educators like you understand that education needs to evolve to meet the challenges of a changing world. We thank you for attending this course, which will help you transform your classroom to a 21st century, technology-rich learning environment for your students.

Best regards,

Paul Otellini
Chief Executive Officer
Intel Corporation

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