Intel Education Resources

K-12 Teaching Tools, Resources and Professional Development

For over a decade, Intel has been working with countries, communities, and schools worldwide to bring the resources and solutions needed for advancing education while sustaining local communities and economies. Intel believes that teacher quality and capacity are critical components of success in any technology intensive deployment in schools. In support of School District (s), Intel is offering the following professional development resources (see attached) at no cost with the commitment of purchase of an Intel architecture solution. Your district has six months from the date of opening a purchase order to request support from Intel, regarding offers in this letter. All offers must be implemented within twelve months of the purchase order being opened.

A webinar to further explain the resources available can be scheduled through your Intel Account Manager.

Paige Johnson
Education Strategist
Intel America's, Inc.
paige.johnson@intel.com

Lisa Peterson
Education Advisor
Intel America's, Inc.
lisa.l.peterson@intel.com

Julia Fischer
Professional Development Strategist
juliax.t.fischer@intel.com

Resources for Teachers:

Overview of Intel® Education Professional Learning Resources
As part of Intel's Corporate Philanthropy, Intel has created and continues to create resources that support education transformation. These resources are designed to enable teachers to use technology effectively to make learning more engaging and improve student outcomes.

Intel Engage Community http://engage.intel.com/
A vibrant global online network of educators dedicated to improving education. This free professional learning network supports core concepts such as: personalized learning, effective use of technology, instructional design, project-based approaches, assessment of 21st century skills, and open-ended questioning.

The K-12 Professional Learning (https://engage.intel.com/community/teachersengage/intel_teach) area provides educators with an overview of all the free professional development resources from Intel. Register for webinars, join discussions, review course materials and tools and lesson plans that support education transformation.

Educators join for many reasons including:

- Learning about the latest tools and how to effectively use them in the classroom;
- Networking with educators from more than 80 countries;
- To stay informed about ed-tech policies and trends;
- Engaging in community activities;
- Receive tips, tricks, and strategies for effective trainings;
- Accessing training updates and providing feedback to the Intel Education team; and,
- Sharing stories of results with other inspiring educators.

Intel® Teach Elements

These e-learning courses are designed to support a schools professional learning community. The content can support facilitated discussion and reflection on key educational topics that support effective use of technology in schools. These resources are free and available to Richardson Independent School District to implement the trainings regardless of what is purchased. As part of Intel's corporate philanthropy, Intel is pleased to offer a license to utilize our Intel® Teach Elements offerings in a districts own learning management system. This offer is made regardless of technology purchase decisions.

Intel Teach Elements Series	Just in time e-learning courses that provide educators with flexible professional development opportunities supporting integration of technology in schools
Designing Blended Learning Syllabus	Helps teachers explore and transition to blended learning experiences by providing rationale, strategies, and suggest technology tools.
Project-Based Approaches Syllabus	Helps teachers improve their understanding and application of Project-Based Approaches to engage students.

Intel Teach Elements Series	Just in time e-learning courses that provide educators with flexible professional development opportunities supporting integration of technology in schools
Assessment in 21st Century Classrooms Syllabus	Allows educators to take an in-depth look at assessment that meets the needs of today's learners.
Collaboration in the Digital Classroom Syllabus	Supports teachers in ensuring students have collaboration skills for the global economy.
Educational Leadership in the 21st Century Syllabus	Helping school and district leaders support teacher effectiveness to further improve student achievement.
Thinking Critically with Data Syllabus	Enabling educators to prepare students with skills to think critically in our information-rich world.
Inquiry in the Science Classroom Syllabus	Explains and demonstrates the inquiry process in depth with interactive activities and locally relevant classroom examples.
Moving into Mobile Learning Syllabus	Moving into Mobile Learning explains and demonstrate the implementation of mobile learning with interactive activities and locally relevant classroom examples.
Creativity in the Mobile and Personalized Classroom Syllabus	Creativity in the Mobile builds on concepts introduced in Moving into Mobile Learning and provides concrete ways to implement mobile learning effectively, while encouraging students' creativity.

Intel Teach Elements Facilitation Toolkit

All e-learning courses are designed for flexibility of implementation. They can be facilitated in a fully face to face mode, an online mode or an educator can take them as self-study for just in time learning. However, participants have reported that having some facilitation available does improve completion rates as well as quality of educator outcomes. The ideal scenario is that each school forms their own professional learning community- selecting the most important educational goals for their school and then work through the content at a pace that fits into their own needs and schedules. Having one coach or leader in every school also helps to ensure quality implementation and support in deployment of both the training and devices.

For additional support visit the Implementation & Facilitation Toolkit
http://engage.intel.com/groups/intel-teach-elements-implementation-toolkit

Resources for District Leaders

K–12 Blueprint
Intel hosts the K–12 Blueprint website to support planning and implementing personalized learning initiatives. This free site engages key K-12 decision-makers and influencers while highlighting the benefits of education-technology solutions. Additionally, the K-12 Blueprint offers practical guidelines for successful technology deployments, including research, case studies, tips, resources, awards and events.

To learn more, visit: www.k12blueprint.com

Resources for Parents

National Tech Goes Home website
Intel has sponsored the creation of a National Tech Goes Home website. A curated collection of resources for parents, students, and teachers providing tools and training for more effective use of technology. The site includes virtual training groups to support local, face-to-face or online workshops to help students and their parents make the most of their technology.
The resources include:

- Training materials for community non-profits and district personnel to support family workshops on key topics like internet safety, using the devices to help find work, access to social services etc.
- Links to online resources for students to help them find educational resources to achieve the CCSS goals
- Links to online resources for parents to help them learn with their students in safe productive environment. Content includes materials on employment and financial literacy

To learn more, visit: www.nationaltechgoeshome.org

Resources for Students:

Intel Learning in Context Apps: A set of supplementary offerings:

- Middle Grade Students (5-9)
- Providing structured and open-ended engagement opportunities
- Leverage type, touch and pen input

Application Descriptions:

- Reading Comprehension: Supports English-Language Arts standards by helping students in learning to read and demonstrate understanding of complex non-fiction text
- Concept Mapping: Supports critical thinking, brainstorming, and mind mapping by providing students the ability to map out their cognitive understanding of complex concepts.
- Population Statistics: Supporting achieving in the middle-school Math standards by helping students understand and predict the relationships of selected populations.
- Science Journal: Provides a framework to help students achieve Next Gen Science Standards by creating generating hypotheses, creating a field journal to record observations and collect data, and reflect on their results.

These apps will be available for purchase. With purchase of devices with Intel architecture, Intel will provide a royalty free license for these apps to side load for student and educator use. For more information go to: http://www.k12blueprint.com/apps

Read With Me

- Primary Grade Students (K-3)
- App combines speech-to-text algorithms and Intel technology to offer students a tool to practice their reading skills.

Read With Me hosts a library of custom-illustrated stories. Students log in, set their grade and avatar, pick a story and perform a quick microphone check. Then the student reads a snip of text and receives a good star score based on speed and accuracy. The system remembers each session so teachers can login and track progress.

This app is available for purchase. With the purchase of devices with Intel architecture, Intel will provide a royalty free license for this app to be side loaded for student and educator use. For more information go to: http://www.k12blueprint.com/apps