

About Intel® Teach Elements

A Series of 21st Century Short Courses

Intel® Teach Elements is a series of high-interest, visually compelling e-learning courses that provide deeper exploration of 21st century learning concepts.

Instructional Design

Intel Teach Elements courses can be taken online as self-study for personal professional growth experience. Intel also supports integration of the course into online and face-to-face professional development programs, and provides facilitation materials (see links below). The facilitation materials promote a deeper experience for teachers as they work through the e-learning modules. In a facilitated experience, small group discussions and Action Plan sharing builds professional learning communities around the course content.

Whether self-paced or facilitated, the instructional design includes:

- Animated e-learning tutorials
- Interactive learning exercises
- Offline activities to apply concepts

Benefits

Intel Teach Elements courses have many benefits for educators:

- Short, just-in-time professional development for busy teachers and school leaders
- User-friendly e-learning content for an interactive, easy introduction to online courses
- Flexible delivery formats, from individual self-paced to facilitated group work conducted face-to-face or online

Courses

Each Intel Teach Elements course focuses on important concepts for 21st century teaching and learning. All courses are available at www.intel.com/education/elements.

The series includes the following courses:

Project-Based Approaches helps teachers improve their understanding and application of project-based approaches in the 21st century classroom.

Assessment in 21st Century Classrooms shows teachers ways to improve assessment of 21st century skills with new assessment strategies and tools for assessing 21st century skills.

Collaboration in the Digital Classroom provides teachers with strategies for building collaborative activities using online tools that support connection and sharing in and beyond the classroom.

Educational Leadership for the 21st Century helps school principals and district administrators support teacher effectiveness for student achievement through technology integration.

Thinking Critically with Data helps teachers support thinking critically with data quality, display, and interpretation in students' rapidly changing and busy world of information access.

Inquiry in the Science Classroom is an e-learning course for teachers of students in 3rd to 8th grades (ages 9 to 13) designed to explain and demonstrate the inquiry process in depth with interactive activities and locally relevant classroom examples.

Community of Elements Educators – Teachers Engage <http://engage.intel.com>

Join other educators as they discuss delivery models and facilitation strategies related to Elements courses. Visit the Intel *Teachers Engage* Community and join the Elements [Implementation Toolkit](#) group where you can learn about options for hosting local courses, find ideas for adapting the courses to local needs and initiatives, download resources like sample agendas and completion certificates, or report the number of teachers you have trained.

Facilitation Resources

Learn about integrating a course into online or face-to-face professional development programs and access facilitation materials. To complete the process:

1. Access Facilitation Materials at <http://engage.intel.com/groups/intel-teach-elements-implementation-toolkit>
2. Download an [overview presentation](#)
3. Customize a [recruitment flyer](#)
4. Offer the course
5. Report the number of teachers you train at <http://engage.intel.com/groups/intel-teach-elements-implementation-toolkit> (in the "Course Reporting" section)

Elements News

Visit the Intel® Teach Elements Web site to see the latest courses and keep up on what is new at www.intel.com/education/elements.