

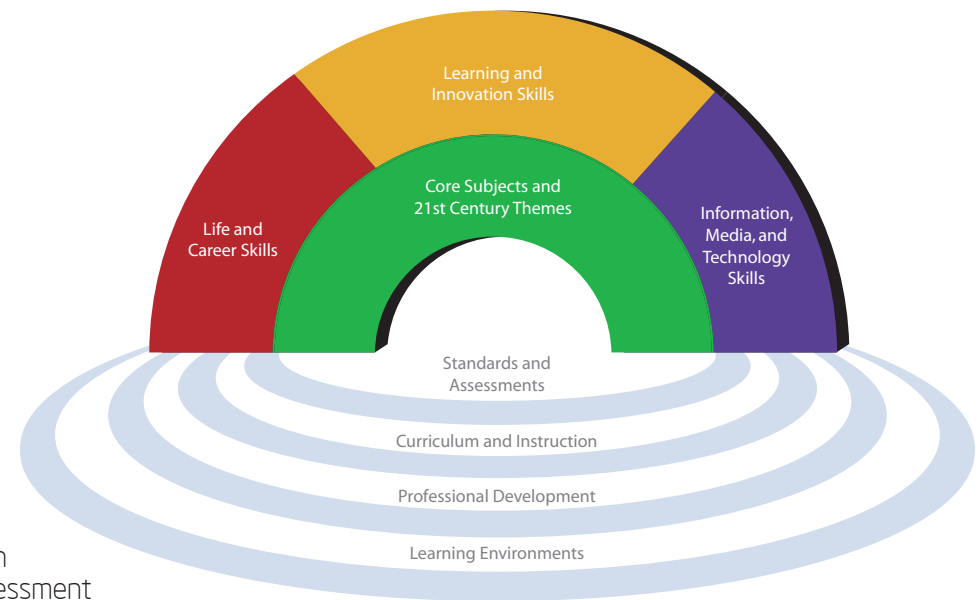
Intel® Education Free Professional Development and K-12 Tools and Resources for 21st Century Skills

21st Century Student Outcomes

- **Learning and Innovation Skills:** Intel® Education thinking tools enable teachers to design and manage student teams and projects online to foster collaboration, communication, critical thinking, creativity, and innovation. Intel® Teach courses include unit plans with open-ended “essential questions” and ongoing assessment to support creativity, innovation, and problem-solving, to prepare students for increasingly complex life and work environments.
- **Life and Career Skills:** Intel Teach courses help teachers transform instruction with Project-Based approaches and real-world projects to encourage initiative and self-direction. Complex, student led projects require flexibility and adaptability, with rich opportunities for leadership, responsibility and accountability in student teams.
- **Information, Media, and Technology Skills:** Intel Teach fosters sound use of ICT into student-centered practices. The Intel Education online Help Guide offers technology skills directly when and where they're needed. Teachers design project-based instruction that requires students to engage information literacy skills, including use of technology to access information, evaluate information critically, and use information accurately and creatively.
- **Core Subjects and 21st Century Themes:** Intel Teach supports all relevant standards in all subjects K-12 classroom teachers must address in existing curriculum, enabling teachers to integrate student-centered approaches, technology, and 21st century skills. The Designing Effective Projects online resource offers exemplary Unit Plans demonstrating these approaches across subjects and grade levels. Online Thinking Tools and Assessing Projects resources support core subject learning with a focus on 21st century skills.

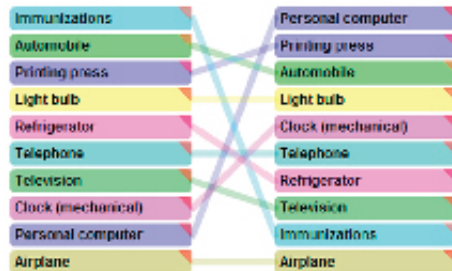
21st Century Education Support Systems

- **Standards and Assessments:** Intel Teach courses carry the ISTE Seal of Alignment, assuring rigorous, independent evaluation by expert reviewers and NETS-alignment for Development. The online Assessing Projects application is a productivity tool for teachers to create assessments for 21st century learning.
- **Curriculum and Instruction:** Intel Teach helps teachers integrate 21st century skills, tools, and teaching strategies into their existing curriculum in any content area. Courses enable innovative learning methods that integrate the use of supportive technologies, inquiry- and problem-based approaches and higher order thinking skills.
- **Professional Development:** Intel Teach is research-proven professional development designed to be scalable and sustainable, building communities of practitioners using face-to-face and blended online facilitation. Courses help teachers transform instruction to engage students with appropriate uses of technology for learning, creativity, and communication.
- **Learning Environments:** Intel Teach is designed to help bring schools into the 21st century by providing teachers and administrators with skills and resources they need to effect change and improve learning environments. The train-the-trainer model supports professional learning communities. Courses are face-to-face or online hybrid, promoting student-centered learning.

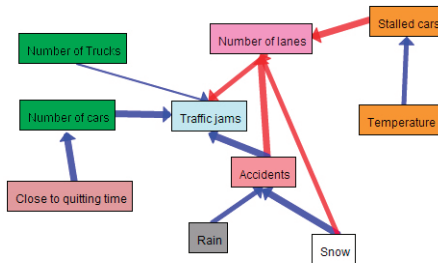


Online thinking tools are active learning places where students engage in robust discussions, pursue investigations, analyze complex information, and solve problems.

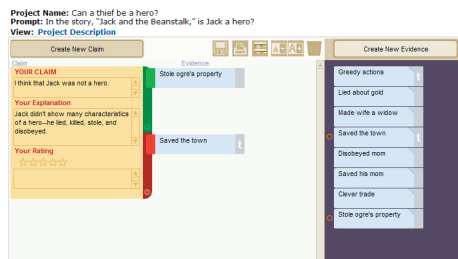
Visual Ranking Tool
Identify and refine criteria for assigning ranking to a list; and then debate differences, reach consensus, and organize ideas.



Seeing Reason Tool
Investigate relationships in complex systems, creating maps that communicate understanding.

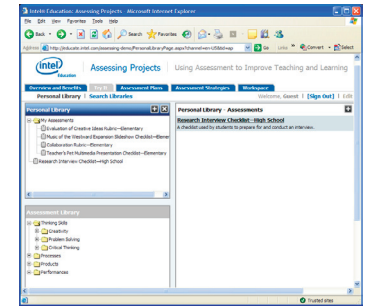


Showing Evidence Tool
Construct well-reasoned arguments that are supported by evidence, using a visual framework.

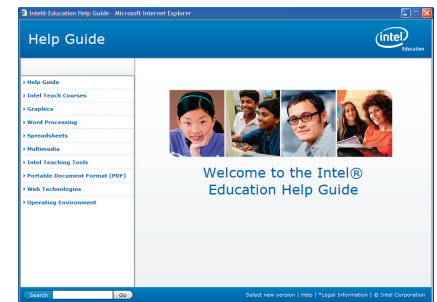


21st century teaching resources help teachers play a critical role in facilitating learning activities and posing questions that take student thinking deeper.

Assessing Projects
Develop strategies for student-centered assessment and create your own from an Assessment library.



Help Guide
Find step-by-step instructions for hundreds of technical skills for commonly used software applications.



Designing Effective Projects
Gather ideas from a collection of exemplary Unit Plans and design your own technology-rich teaching plan



These free tools and resources are available at www.intel.com/education
Learn to use them effectively, in support of 21st century learning, with Intel Teach Program professional development.

