



Effective Learning for the 21st Century: Creating A Framework for Action

Insight and Innovation for Technology Leaders
October 19, 2004 ♦ Palisades, NY

“Today’s education system faces irrelevance unless we bridge the gap between how students live and how they learn.”

-- Learning for the 21st Century



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Six Key Elements of 21st Century Learning

1. Emphasize core subjects.
2. Emphasize learning skills.
3. Use 21st Century Tools to develop learning skills.
4. Teach and learn in a 21st Century context.
5. Teach and learn 21st Century content.
6. Use 21st Century assessments that measure 21st Century skills.



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Emphasize Core Subjects

- English
- Reading or language arts
- Mathematics
- Science
- Foreign languages
- Civics
- Government
- Economics
- Arts
- History
- Geography



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Emphasize Learning Skills

- Information and communication skills
- Thinking and problem solving skills
- Interpersonal and self-directional skills



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Use 21st Century Tools to Develop Learning Skills

ICT literacy - “the interest, attitude, and ability... to appropriately use digital technology and communication tools to access, manage, integrate and evaluate information, construct new knowledge, and communicate with others in order to participate effectively in society”

Programme for International Student Assessment (PISA)



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Teach and Learn in a 21st Century Context

- Real-world examples, applications and experience both inside and outside of school
- Relevant, engaging and meaningful to students' lives
- Outside the four classroom walls
- Reaches out to communities, employers, community members, and parents to reduce the boundaries that divide school from the real world



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Teach and Learn 21st Century Content

- Global awareness
- Financial, economic and business literacy
- Civic literacy



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Use 21st Century Assessments that Measure 21st Century Skills

- A balance of assessments
 - *high quality standardized tests for accountability purposes*
 - *classroom assessments for improving teaching and learning*
- Use new information technologies to increase efficiency and timeliness



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9 Steps to Build Momentum

- Vision of public education that includes 21st Century Skills
- Align leadership, management, and resources with educational goals
- Use MILE Guide to assess where schools are now
- Develop priorities for 21st Century Skills
- Develop a professional development plan for 21st Century Skills
- Ensure equitable access to 21st Century education
- Develop assessments to measure progress in 21st Century Skills
- Collaborate with outside partners
- Plan collectively and strategically for the future



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Partnership for 21st Century Skills

www.21stcenturyskills.org

- Route 21: An Interactive Guide to 21st Century Learning
- The Road to 21st Century Learning: A Policymaker's Guide to 21st Century Skills
- Learning for the 21st Century
- MILE Guide
- MILE Guide Online Assessment
- ICT Literacy Maps (in development)



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Kim Carter
k.carter@adelphia.net