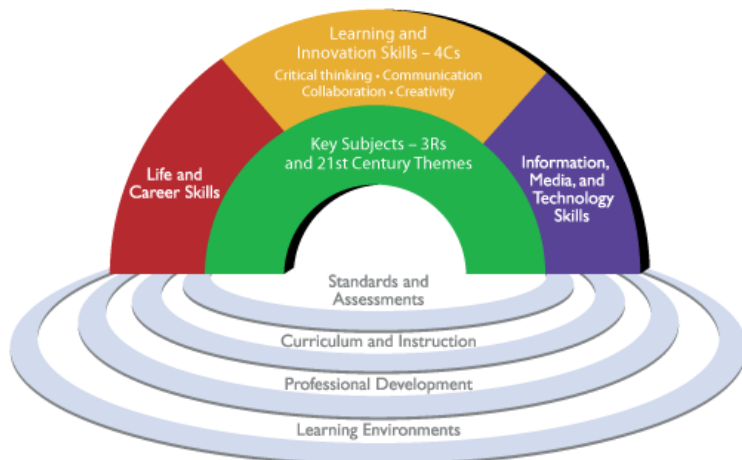


Select Frameworks for 21st Century Skills

Adapted from:

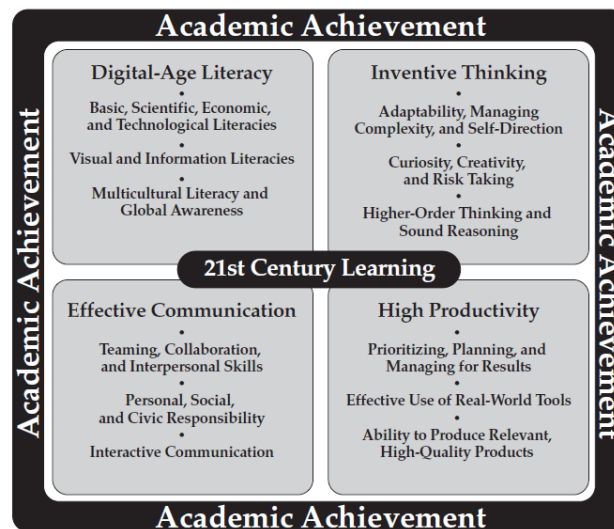
Dede, C. (2010). Comparing frameworks for 21st century skills. In Bellanca, J. & Brandt, R. (Eds.) *21st Century Skills: Rethinking how Students Learn* (pp. 50-75). Bloomington, IN: Solution Tree Press.

P21 Framework for 21st Century Learning
21st Century Student Outcomes and Support Systems



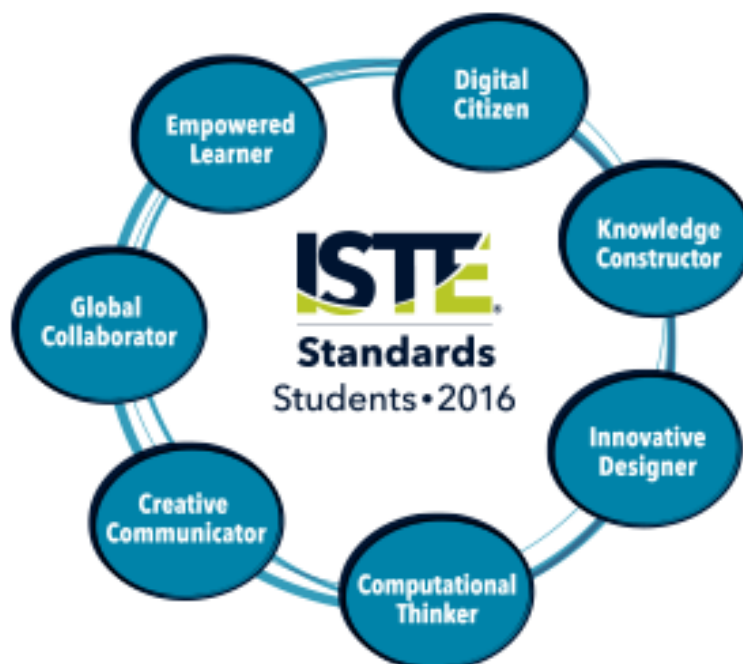
© 2007 Partnership for 21st Century Learning (P21)
www.P21.org/Framework

enGauge 21st Century Skills



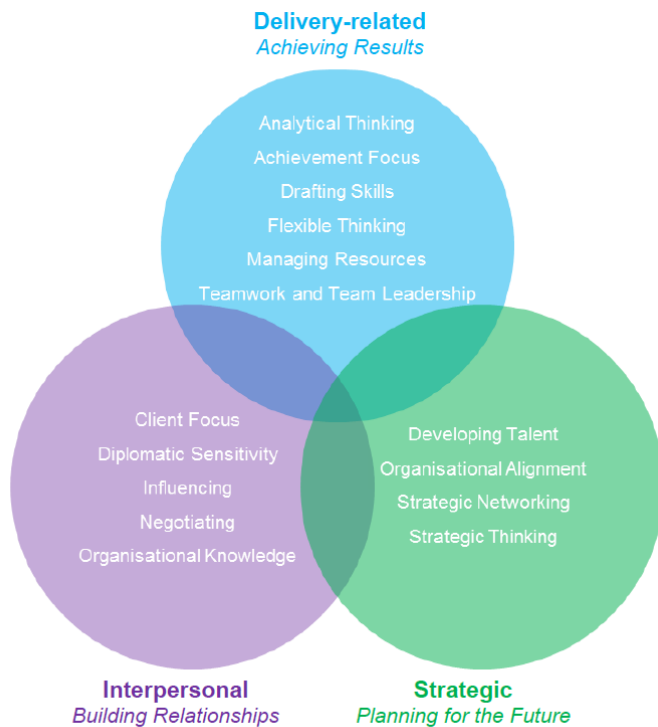
enGauge Framework from the North Central Regional Education Laboratory (NCREL) and the Metiri Group

<http://pict.sdsu.edu/engage21st.pdf>



International Society
for Technology in
Education National
Education
Technology
Standards for
Students (ISTE-NETS)
2016

<http://www.iste.org/standards/standards-for-students-2016>



Organisation for Economic
Cooperation and Development
Competencies (OECD)

http://www.oecd.org/careers/competency_framework_en.pdf

THE ESSENTIAL LEARNING OUTCOMES

Beginning in school, and continuing at successively higher levels across their college studies, students should prepare for twenty-first-century challenges by gaining:

KNOWLEDGE OF HUMAN CULTURES AND THE PHYSICAL AND NATURAL WORLD

- Through study in the sciences and mathematics, social sciences, humanities, histories, languages, and the arts

Focused by engagement with big questions, both contemporary and enduring

INTELLECTUAL AND PRACTICAL SKILLS, INCLUDING

- Inquiry and analysis
- Critical and creative thinking
- Written and oral communication
- Quantitative literacy
- Information literacy
- Teamwork and problem solving

Practiced extensively, across the curriculum, in the context of progressively more challenging problems, projects, and standards for performance

PERSONAL AND SOCIAL RESPONSIBILITY, INCLUDING

- Civic knowledge and engagement—local and global
- Intercultural knowledge and competence
- Ethical reasoning and action
- Foundations and skills for lifelong learning

Anchored through active involvement with diverse communities and real-world challenges

INTEGRATIVE LEARNING, INCLUDING

- Synthesis and advanced accomplishment across general and specialized studies

Demonstrated through the application of knowledge, skills, and responsibilities to new settings and complex problems

National Leadership Council for
Liberal Education and America's
Promise Essential Learning
Outcomes

https://www.aacu.org/sites/default/files/files/LEAP/GlobalCentury_final.pdf