

6 Key Elements of 21st Century Learning

- Emphasize core subjects
- Emphasize learning skills
- Use 21st Century tools to develop learning skills
- Teach and learn 21st Century content
- Use 21st Century assessments that measure 21st Century skills

21st Century Partnership Mile Guide www.21stcenturyskills.org

Learning and Innovation Skills

Creativity and Innovation Skills

Critical Thinking and Problem Solving Skills

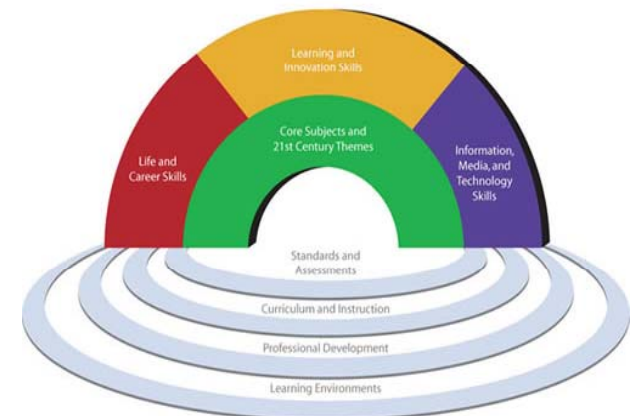
Communication and Collaboration Skills

Information, Media and Technology Skills

Information Literacy

Media Literacy

ICT Literacy



Life and Career Skills

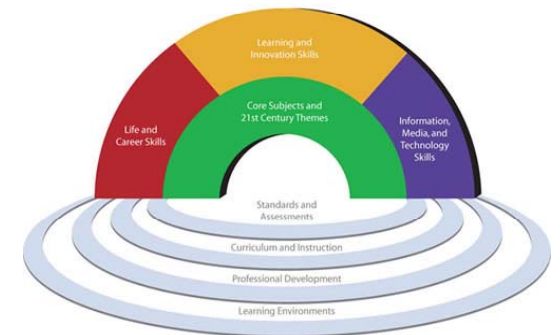
Flexibility & Adaptability

Initiative & Self-Direction

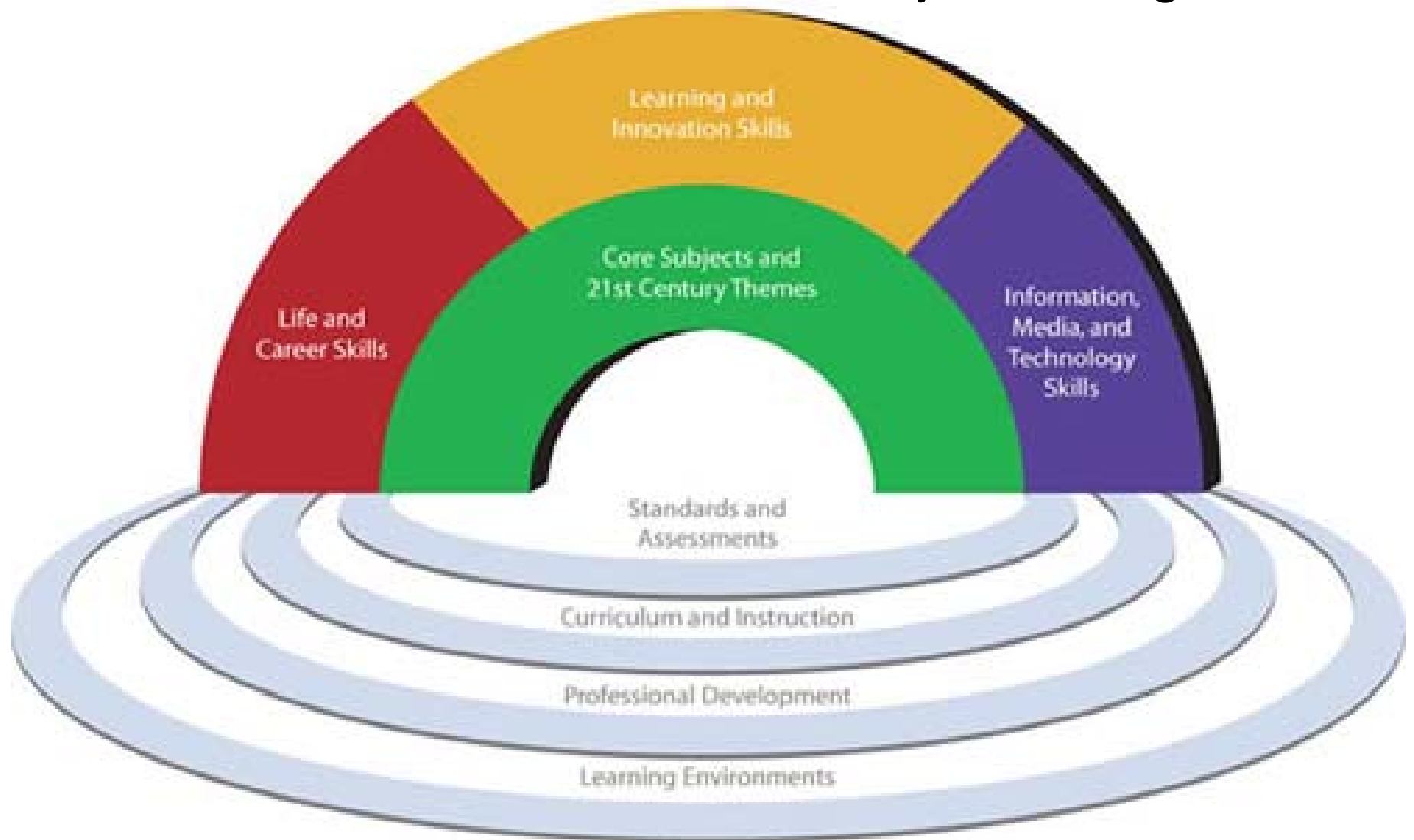
Social & Cross-Cultural Skills

Productivity & Accountability

Leadership & Responsibility



Framework for 21st Century Learning



www.21stcenturyskills.org

21st Century Learning Skills

- Basic, scientific, and technological literacy
- Visual and information literacy
- Cultural literacy and global awareness
- Adaptability/managing complexity
- Curiosity, creativity, and risk-taking
- Higher order thinking and sound reasoning

21st Century Learning Skills

- Teaming, collaboration, and interpersonal skills
- Personal and social responsibility
- Interactive communication
- Prioritizing, planning, and managing for results
- Effective use of real-world tools
- Production of relevant, high quality products

CEO Forum on Education and Technology. (2001). *Key Building Blocks for Student Achievement in the 21st Century*, Washington, D.C: CEO Forum.

Universal Intellectual Standards

- Clarity
- Accuracy
- Precision
- Relevance
- Depth
- Breadth
- Logic
- Significance
- Fairness

Paul, Richard and Linda Elder. "The Miniature Guide to Critical Thinking: Concepts and Tools." The Foundation for Critical Thinking: 2004

What We're Looking For

- Fluency: the ability to propose many solutions to problems
- Flexibility: the ability to see a problem, issue, or incident from different perspectives
- Originality: the ability to produce new ideas

Talents Unlimited, US ED National Diffusion Network program

Bloom's Taxonomy of Thinking Skills

- Knowledge
- Comprehension
- Application
- Analysis
- Synthesis
- Evaluation