Our Mission

To create the best possible learning environment for this generation of students.

Global Competition

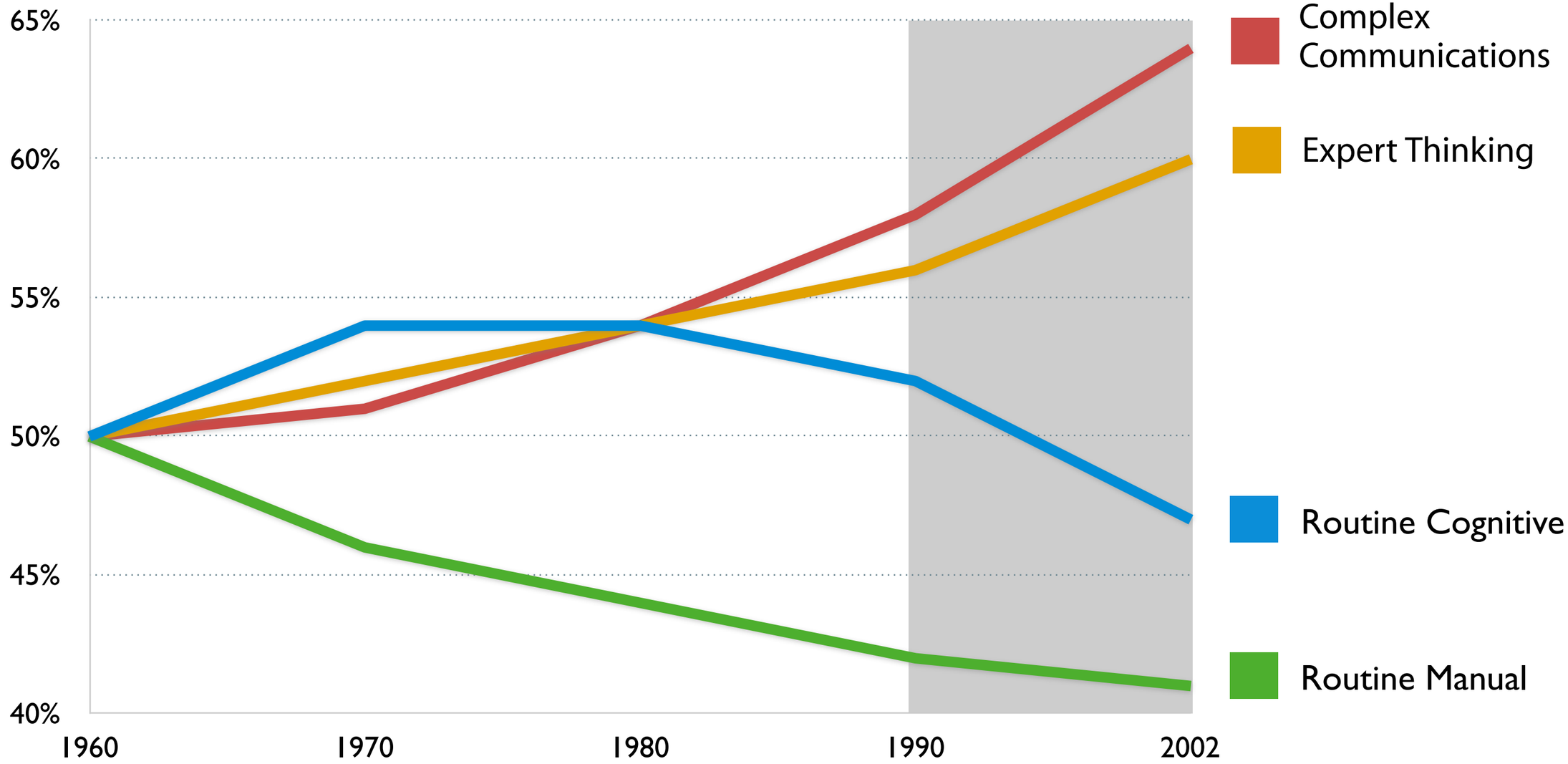
Workplace Innovation

Student Experience

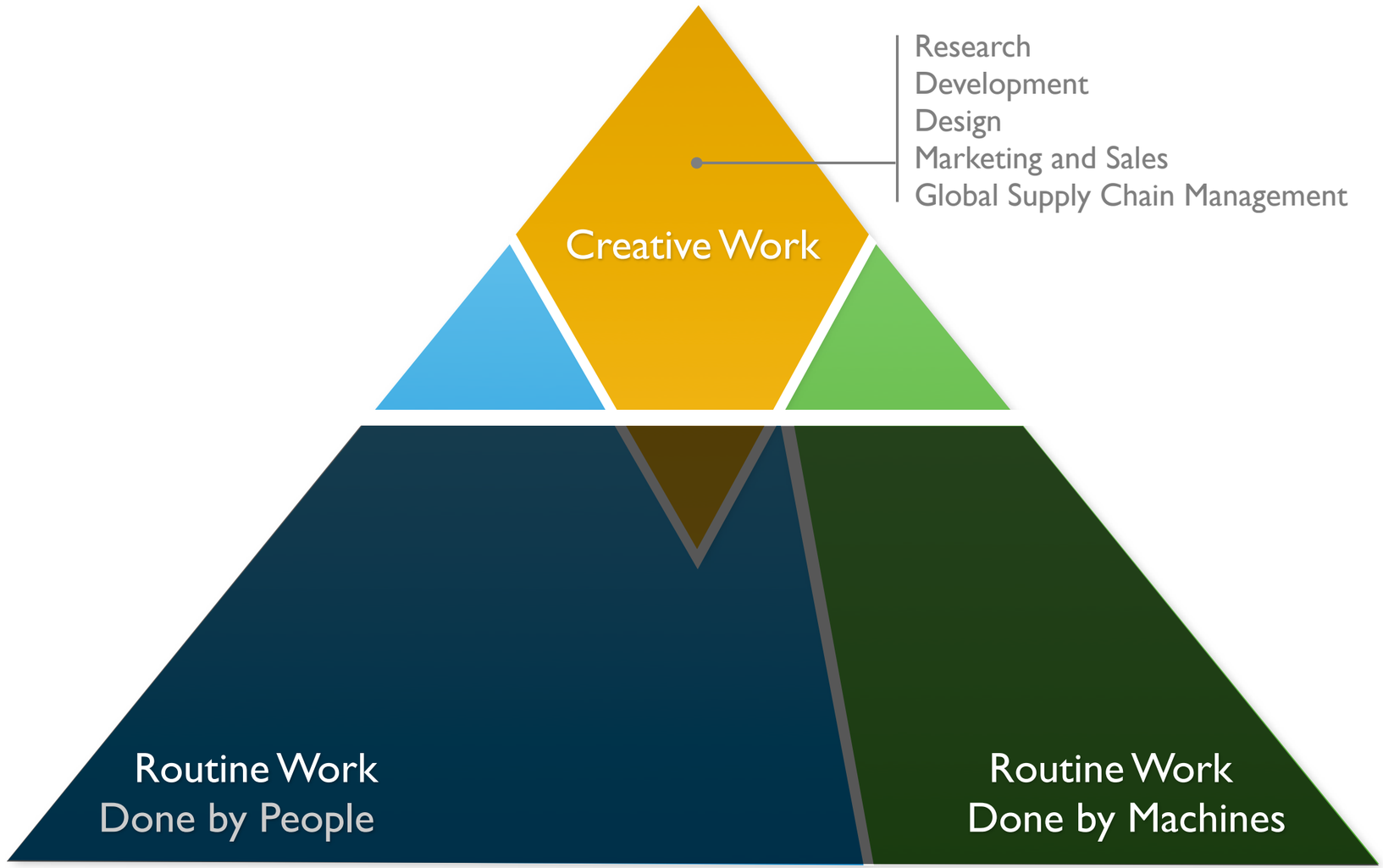
Ubiquitous Information

Global Interdependence

How the Demand for Skills has Changed

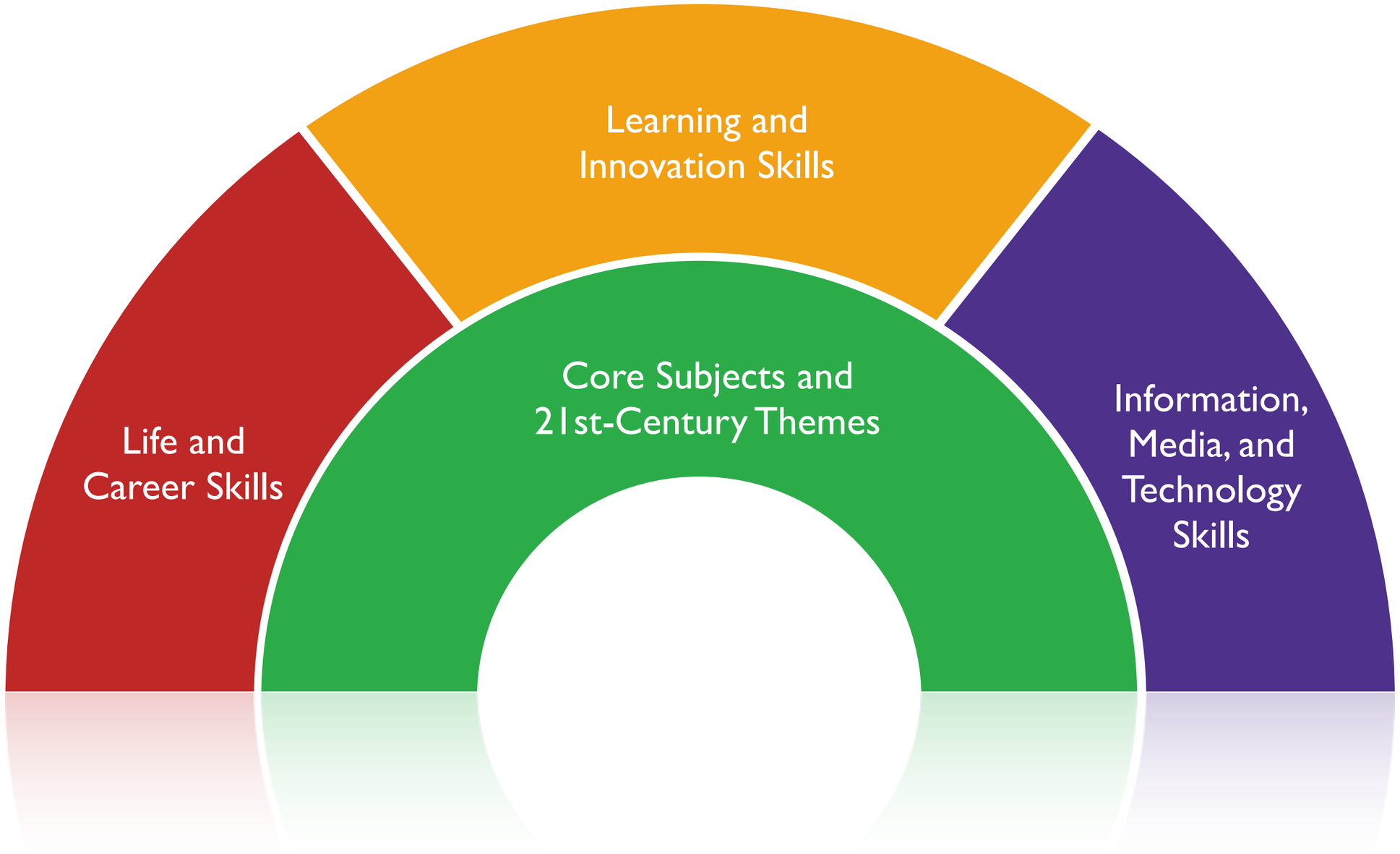


Levy and Murnane for the Organization of Economic Cooperation and Development



Industry in the USA in 2015

Tough Choices or Tough Times, National Center on Education and the Economy, 2007

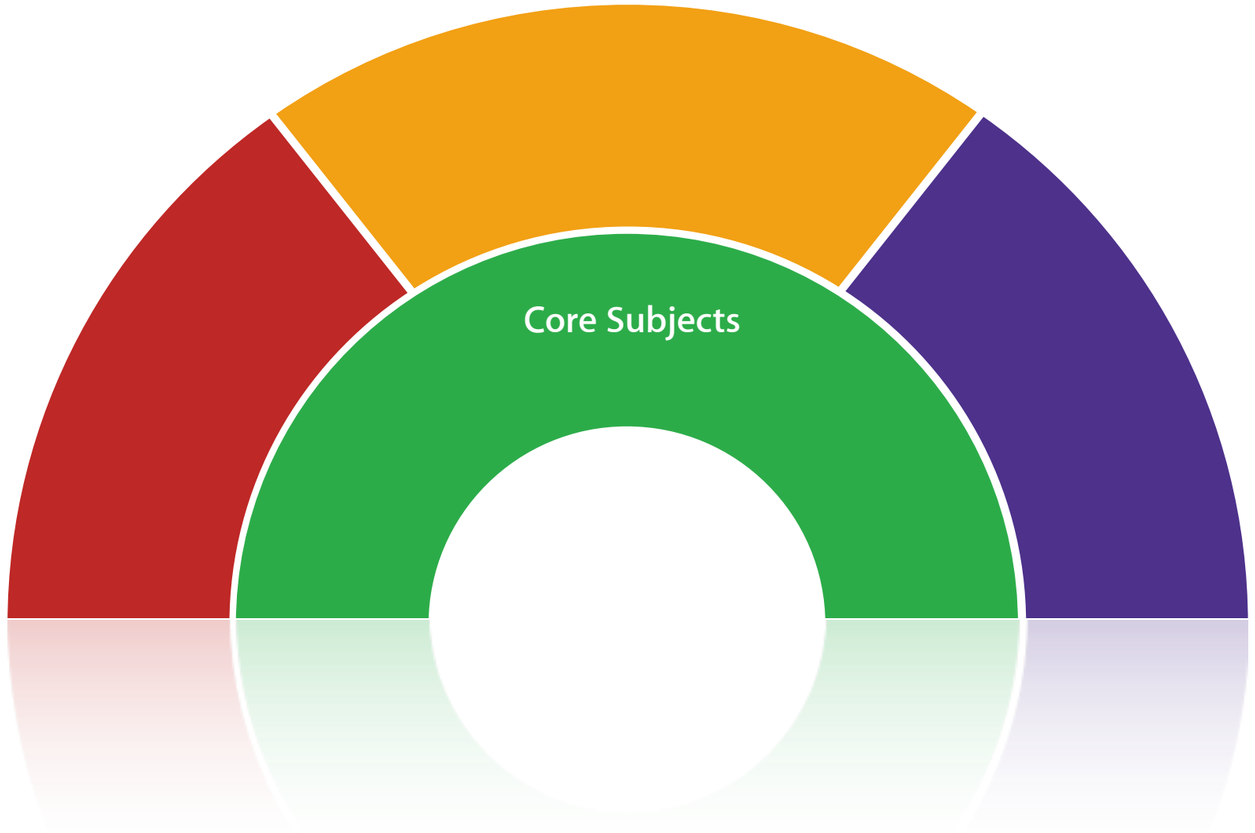


21st-Century Skills Framework

© 2004 Partnership for 21st-Century Skills

Core Subjects

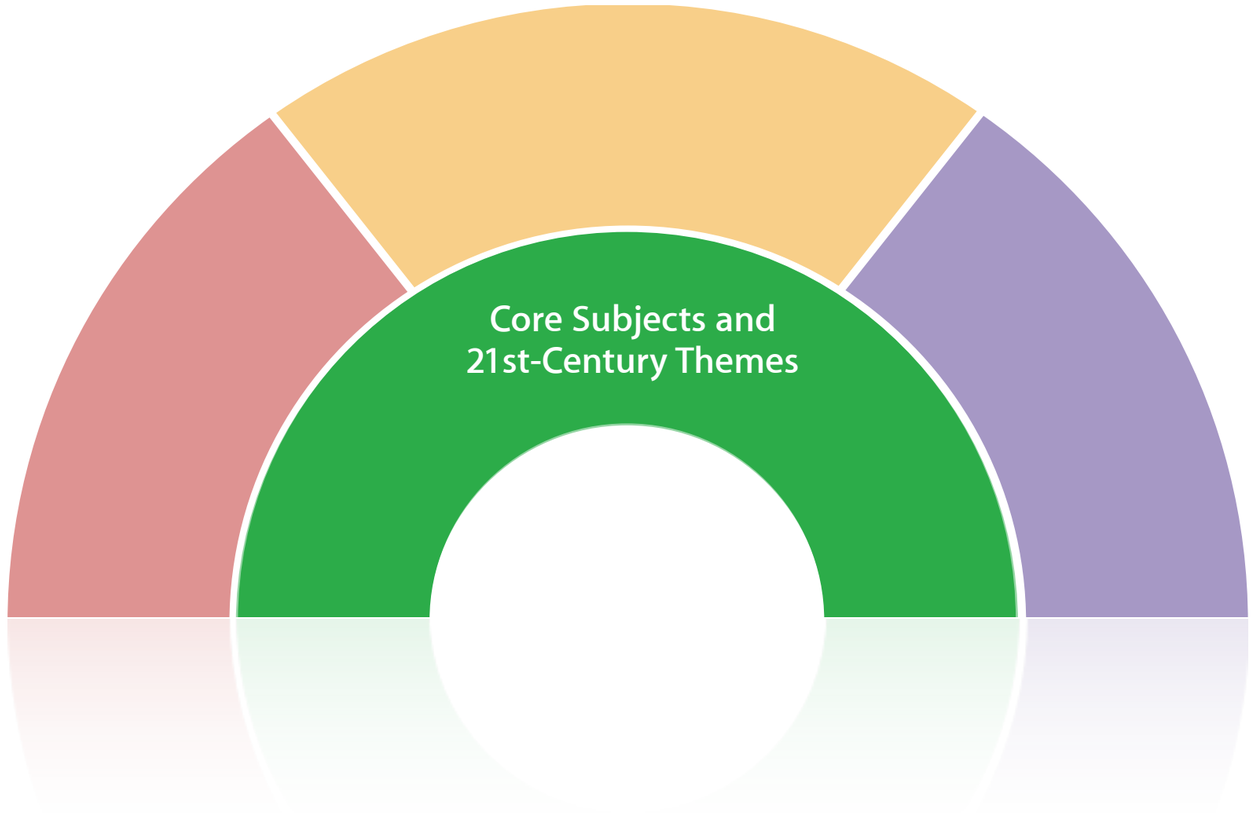
- English, reading, language arts
- World languages
- Arts
- Mathematics
- Economics
- Science
- Geography
- History
- Government and Civics



Source: Partnership for 21st-Century Skills. 2006.

21st-Century Themes

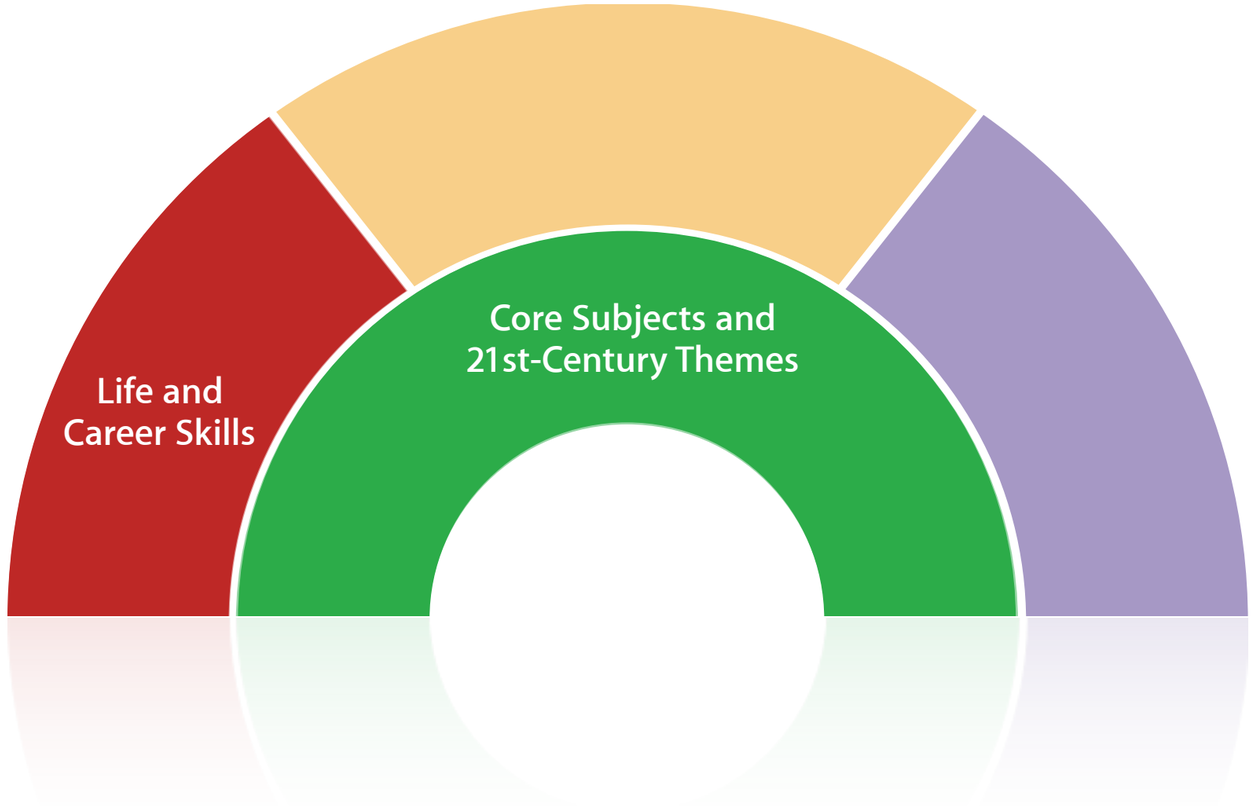
- Global awareness
- Financial, economic, business and entrepreneurial literacy
- Civic literacy
- Health literacy



Source: Partnership for 21st-Century Skills. 2006.

Life and Career Skills

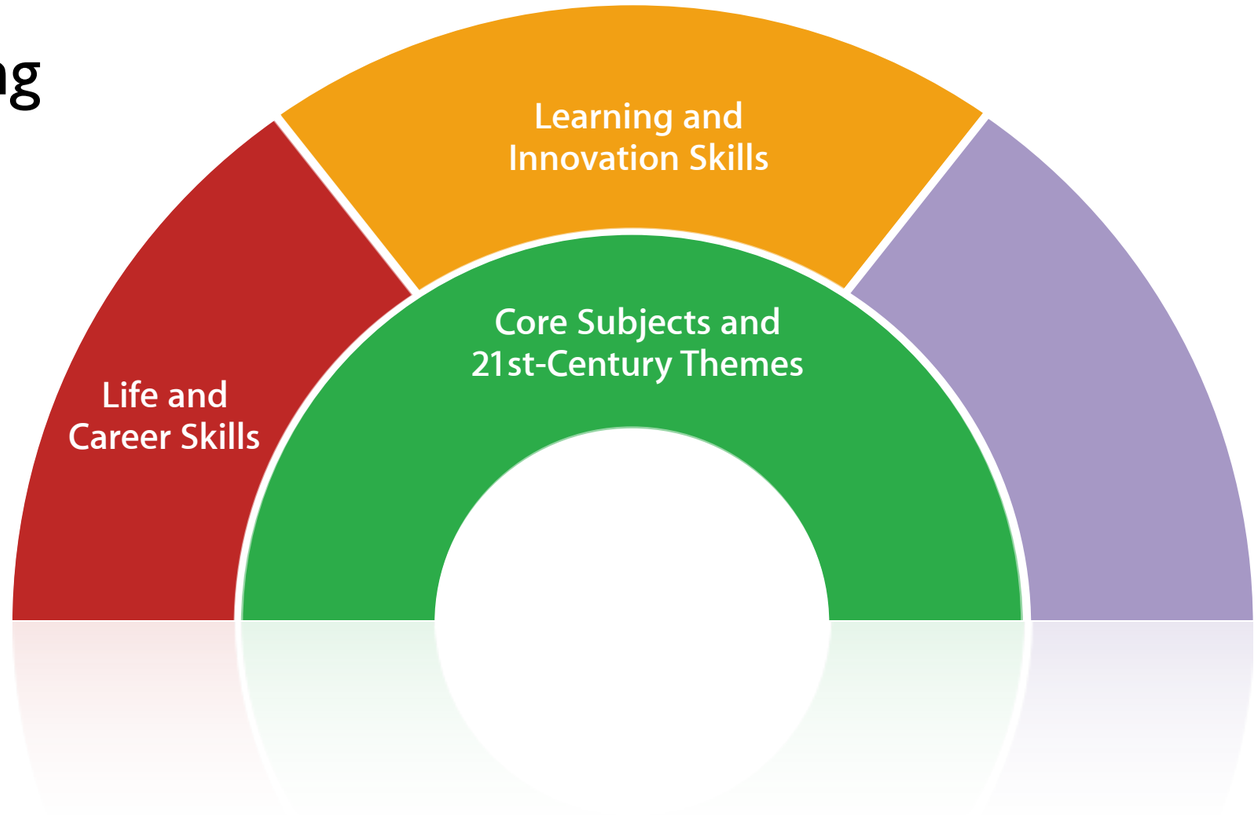
- Flexibility and adaptability
- Initiative and self-direction
- Social and cross-cultural skills
- Productivity and accountability
- Leadership and responsibility



Source: Partnership for 21st-Century Skills. 2006.

Learning and Innovation Skills

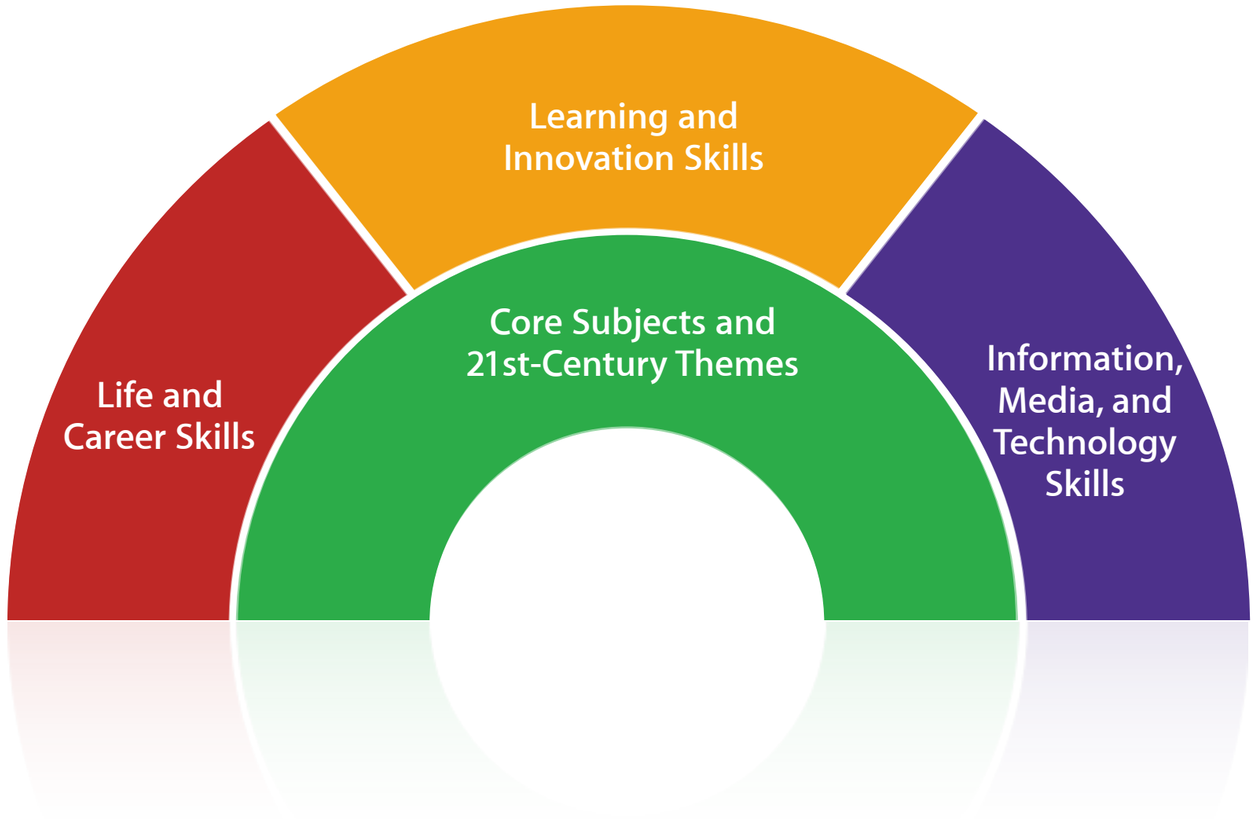
- Creativity and innovation
- Critical thinking and problem solving
- Communication and collaboration



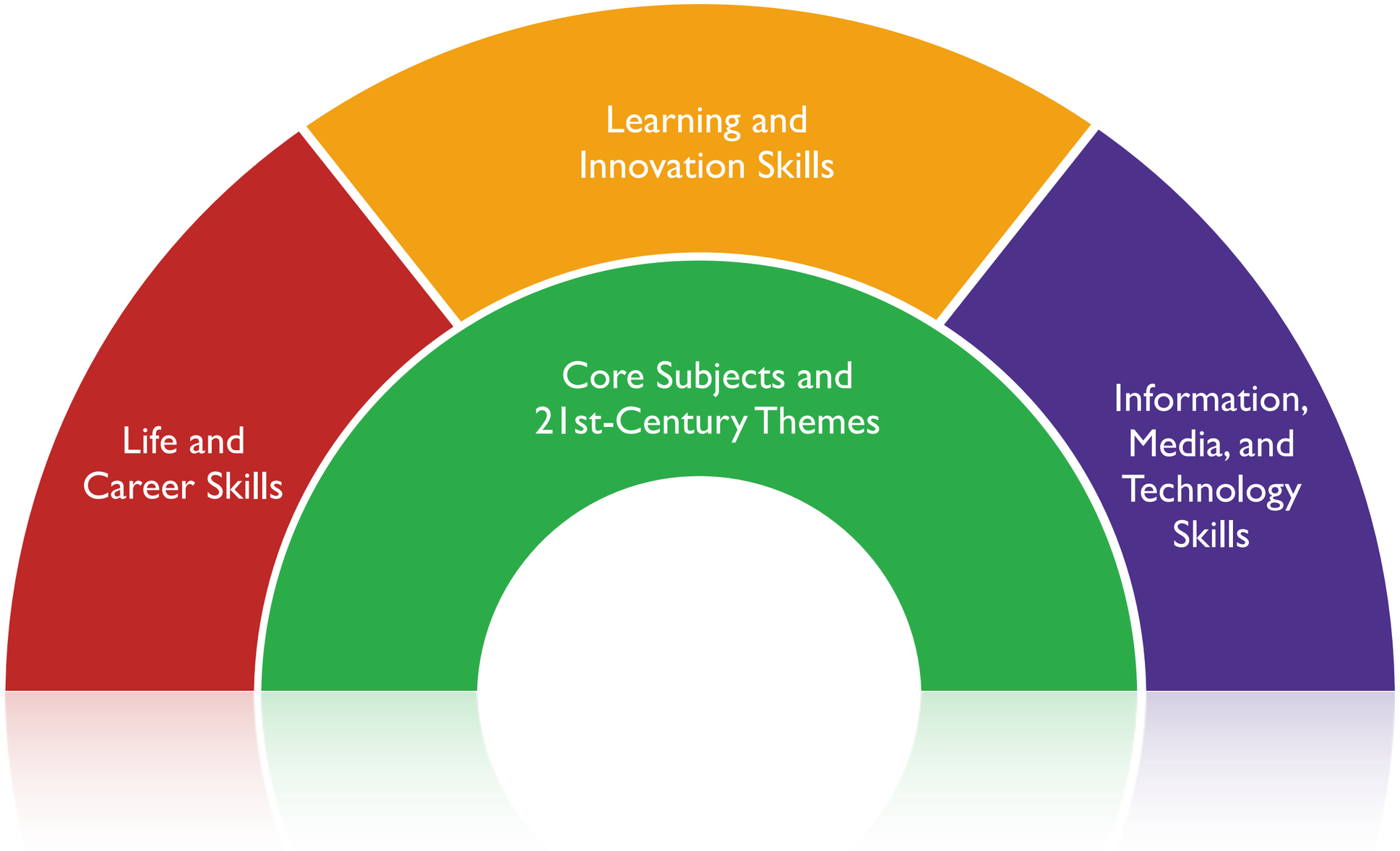
Source: Partnership for 21st-Century Skills. 2006.

Information, Media and Technology

- Information literacy
- Media literacy
- Information and communication technology literacy



Source: Partnership for 21st Century Skills. 2006.



21st-Century Skills Framework

Source: Partnership for 21st Century Skills. 2006.

Innovation

Apple Classrooms of Tomorrow

1985–1997

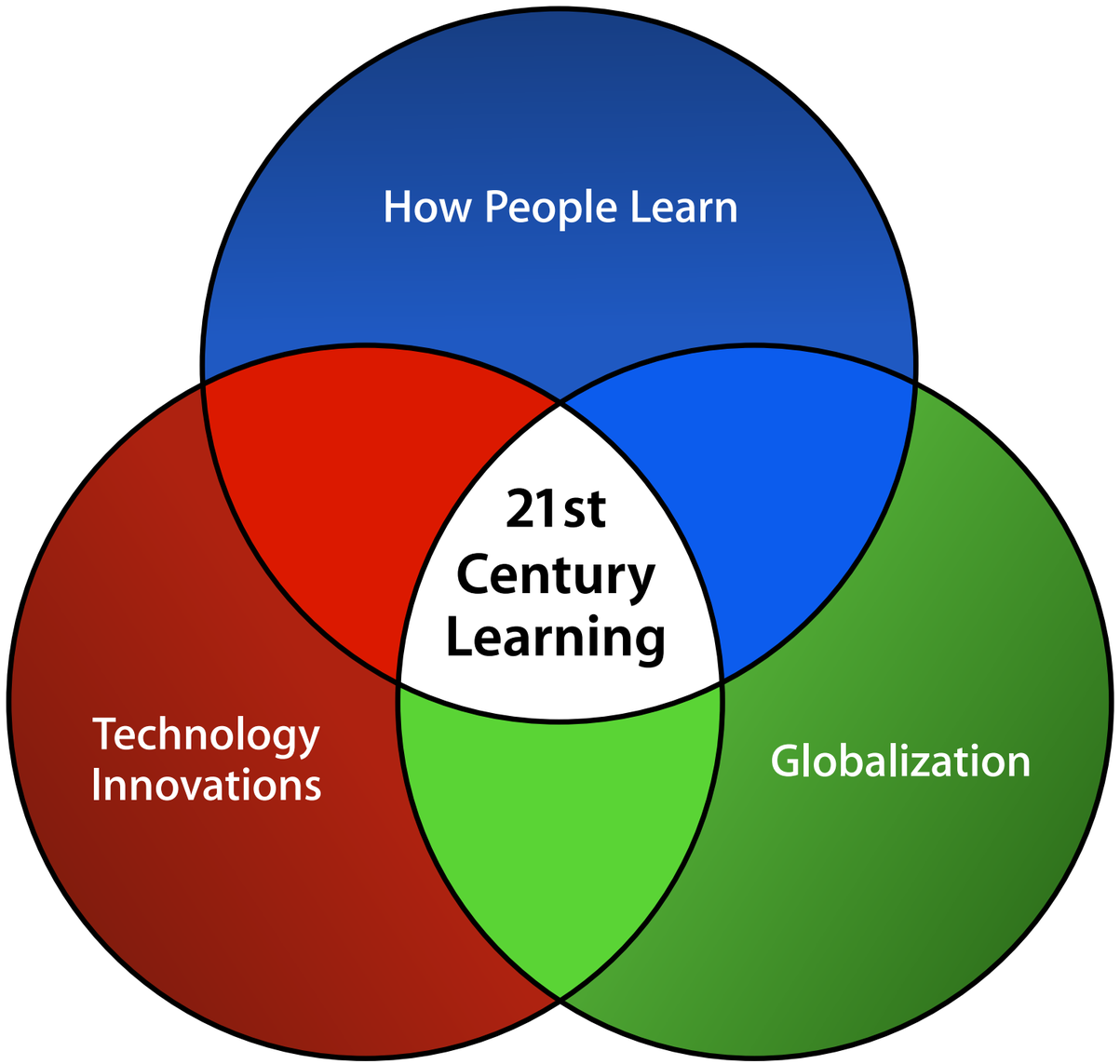
ACOT
INTERNATIONAL

What are the Enabling Trends?

Mobility - 24/7 Access

User Created Content

Social Interactions for Learning


How People Learn
21st Century Learning
Technology Innovations
Globalization

Apple Classrooms of Tomorrow - Today

ACOT²

Apple Classrooms of Tomorrow - Today

ACOT²

Phase 1
Articulation

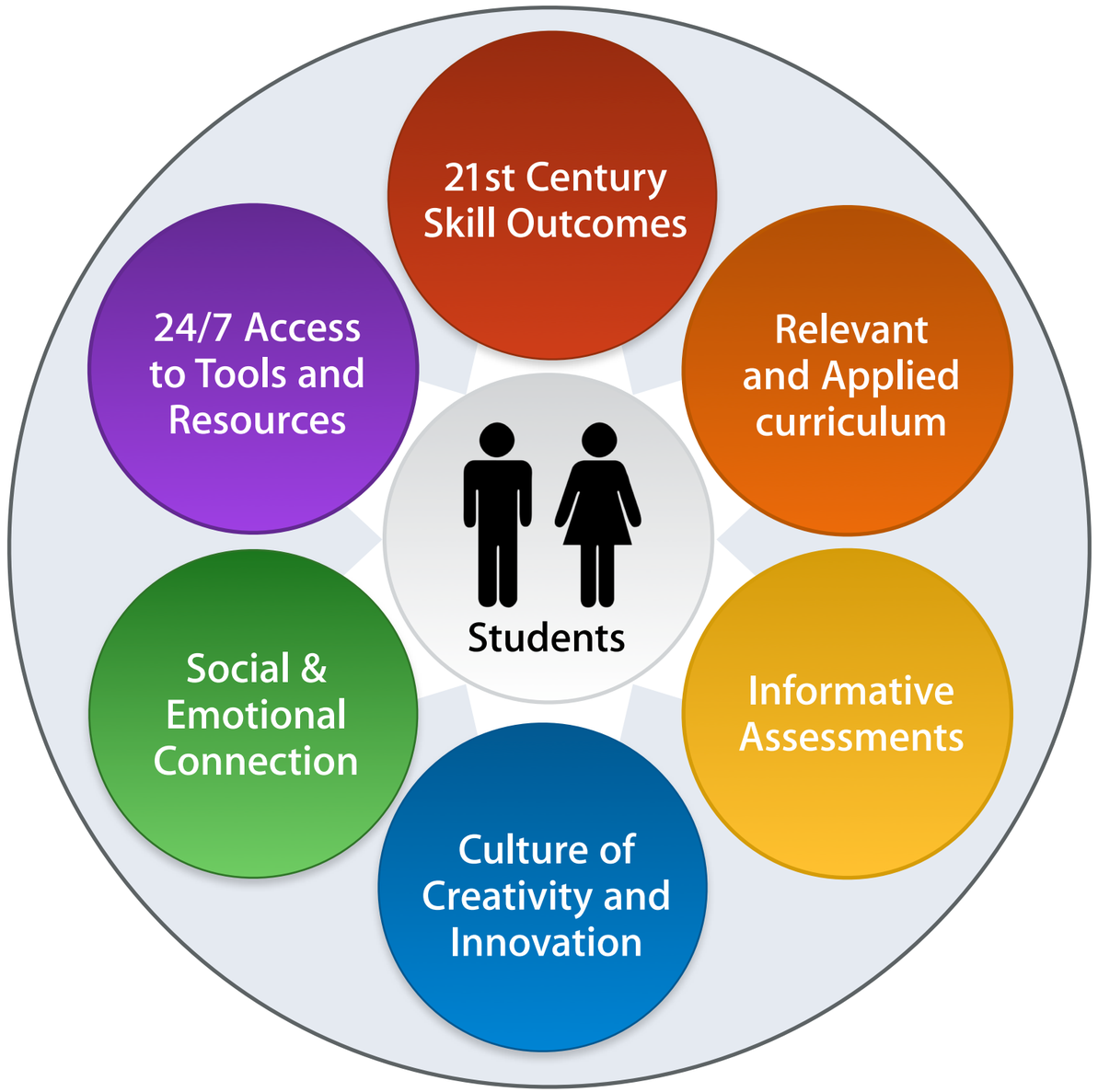
Phase 2
Communication

Phase 3
Application

Phase 1
Articulation

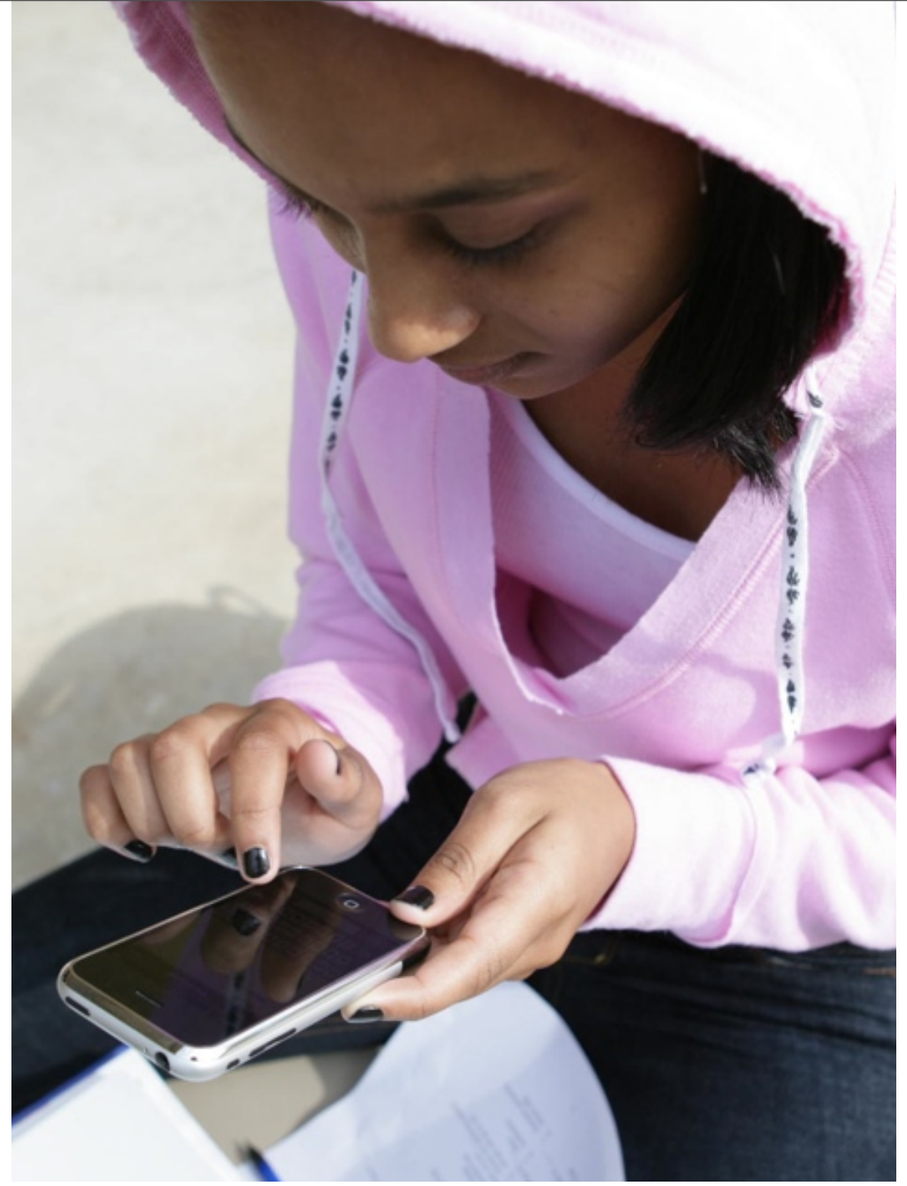
What are the design principles of the 21st century learning environment?

6 Design Principles



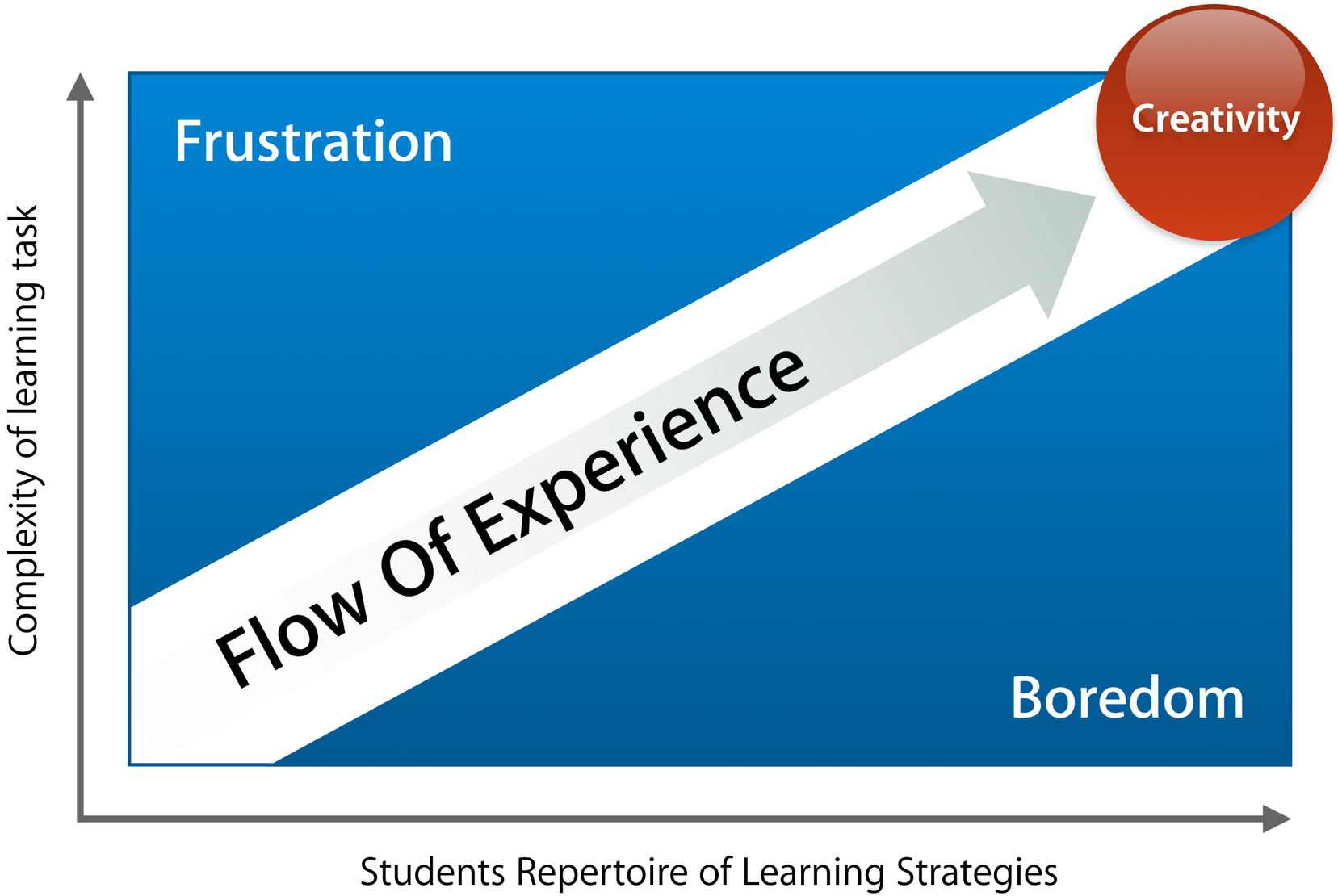
Phase 2
Communication

Research, Voices, Commentary, Data



Phase 3
Application

9th Grade Curriculum Project



Source: Csikszentmihaly, M (1996)

21st-Century Requires and Rewards

- Figuring out the right questions and using skills to solve new problems
- Working in teams
- Working across disciplines
- Learning how to find, communicate and apply information
- Initiative and leadership in “flat” organizations and taking responsible risks
- Managing time and commitments—prioritization and flexible time
- Interacting in a multimedia, graphics–based environment
- Working with left and right sides of the brain together

Tony Wagner, Harvard University, 2007

“Teachers must move beyond the role of facilitators and become **collaborators in learning**, seeking new knowledge alongside students and modeling positive habits of work and mind.”

Apple Classrooms of Tomorrow - Today

Simplicity

Our Mission

To create the best possible learning environment for this generation of students.

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