(American Standard Code II)

**21st Century Learning and Innovation Skills**

Learning and Innovation Skills [1]

CRITICAL THINKING

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Learning and Innovation Skills [2]

Problem Solving

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Learning and Innovation Skills [3]

communication

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Learning and Innovation Skills [4]

collaboration

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Learning and Innovation Skills [5]

creativity and innovation

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(American Standard Code II)

**21st Century Interdisciplinary Themes**

21st Century Interdisciplinary Themes [1]

global awareness

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21st Century Interdisciplinary Themes [2]

economic literacy

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21st Century Interdisciplinary Themes [3]

civic literacy

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21st Century Interdisciplinary Themes [4]

health literacy

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21st Century Interdisciplinary Themes [5]

environmental literacy

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**21st Century Learning and Innovation Skills**

**Critical Thinking** *(noun)*

The ability to reason and use systems analysis in order to make effective judgments and decisions within problem-solving and decision-making settings. This includes the effective analysis of evidence, arguments, claims, and beliefs as well as the evaluation of alternative points of view in order to draw logical conclusions based on the best analysis. Critical thinking also includes mindful reflection on learning experiences and performances.

**Problem Solving** *(noun)*

The process of finding and implementing a solution to a problem. This includes the ability to solve both familiar and unfamiliar problems in conventional and creative ways. This requires the ability to identify and ask key questions, analyze possible solutions, and implement a resolution.

**Communication** *(noun)*

The ability to clearly articulate thoughts and ideas through verbal, written, and nonverbal methods and through the use of media and technology. Effective listening is a critical component of communication, requiring an individual to decipher meaning by extracting knowledge, values, attitudes, and intentions. Communication is used for a range of purposes (e.g., inform, instruct, motivate, and persuade).

**Collaboration** *(noun)*

The ability to work effectively and respectfully with diverse teams. Effective collaboration requires flexibility and compromise with a willingness to share responsibility and value the contributions made by each team member.

**Creativity** *(noun)*

The ability to generate, evaluate, and refine ideas, alternatives, or possibilities (both incremental and radical) in order to improve personal and/or community quality of life.

**Innovation** *(noun)*

A transformation or breakthrough within a specific field of study or work that contributes to the overall progress of that field.

Adapted from the P21 Framework Definitions Document

http://www.p21.org/about-us/p21-framework

**21st Century Interdisciplinary Themes**

**Global Awareness** *(noun)*

The ability to understand and address issues that impact the global community by learning from and working with people from diverse cultures, religions, and lifestyles in a spirit of mutual respect.

**Economic Literacy** *(noun)*

The ability to make appropriate personal choices with respect to individual and community resources. Economic literacy is marked by an understanding of the economy in society and the ability to use entrepreneurial skills to enhance productivity and career options.

**Civic Literacy** *(noun)*

The ability to participate in community/public life by staying informed about current events and understanding governmental processes. This includes exercising the rights of citizenship at a local, state, national, and global level with an understanding of the local and global implications of civic decisions.

**Health Literacy** *(noun)*

The ability to obtain, interpret, understand, and apply basic health information and services in order to enhance health. This includes physical and mental health measures such as nutrition, exercise, risk avoidance, and stress reduction. This ability allows an individual to establish and monitor personal and family health goals, as well as to understand local and global public health and safety issues.

**Environmental Literacy** *(noun)*

The ability to act on the knowledge and understanding of the environment as it relates to air quality, climate change, land management, food systems, energy systems, water use and quality, as well as diverse ecosystems. This ability allows a person to take individual and collective actions toward addressing environmental changes.

Adapted from the P21 Framework Definitions Document

http://www.p21.org/about-us/p21-framework