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Information Literacy

Plans

- What is Literacy?
- Types of Literacy
- Information Literacy
- 21st Century Skills
- Iowa Core Curriculum
- Connectivism
- Personal Learning Network

Literacy? (traditional)

- Condition of begin literate.
- Literate
 - Educated
 - Cultured
 - Able to Read and Write

Literacy? (today)

- Read and write
- Speak and listen
- Think Effectively

- Become informed
- Inform others
- Make informed decisions

Types of Literacy

- Mathematics
 - Capacity to identify, understand and engage in mathematics and to make well-founded judgments about the role mathematics plays in an individual's life.

*Programme for International Student Assessment
(National Council of Teachers of Mathematics)*

Types of Literacy

- Science
 - A general term for the awareness a person or the public has of basic scientific facts, concepts, and theories.

Merriam-Webster
 - A mix of concepts, history, and philosophy that help you understand the scientific issues of our time.

ActionBioScience.org

Types of Literacy

- Social Studies
 - . . . ability to make informed and reasoned decisions for the public good as citizens of a culturally diverse, democratic society in an interdependent world.
- National Council for the Social Sciences*

Information Literacy

The ability to recognize when information is needed and have the ability to locate, evaluate and use effectively the needed information.

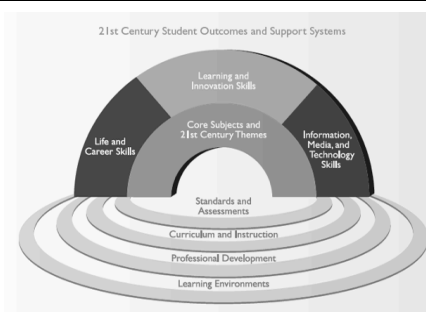
Association of College & Research Libraries, 2000

Information Literacy

Information literate people know how to find, evaluate, and use information effectively to solve a particular problem or make a decision — whether the information they select comes from a computer, a book, a government agency, a film, or any number of other possible resources.

American Library Association Presidential Committee

21st Century Learning




21st Century Student Outcomes

- Within the context of core knowledge instruction, students must also learn the essential skills for success in today's world, such as:
 - Critical thinking
 - Problem solving
 - Communication
 - Collaboration

21st Century Themes

- Weave 21st Century Themes into Core Subjects
- Global Awareness
 - Financial, Economic, Business and Entrepreneurial Literacy
 - Civic Literacy
 - Health Literacy
 - Environmental Literacy

Iowa Core Curriculum



The screenshot shows the Iowa Department of Education website. The main heading is "Iowa CORE Curriculum" with the tagline "Right Work. Right Time. Right People." Below this, there is a navigation menu on the left with categories like Literacy, Mathematics, Science, Social Studies, and 21st Century Skills. The 21st Century Skills section is highlighted, listing sub-categories: Core Literacy, Employability Skills, Financial Literacy, Health Literacy, and Technology Literacy. A search bar is visible on the right side of the page.

Corecurriculum.iowa.gov

Iowa's 21st Century Skills

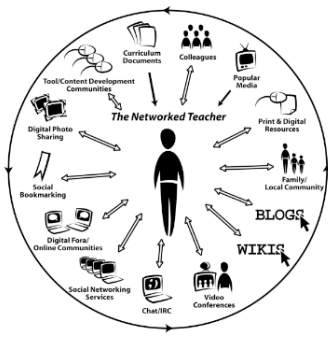
- Civic Literacy
- Employability Skills
- Financial Literacy
- Health Literacy
- Technology Literacy

Connectivism

- Learning connects nodes and info sources
- **Know-How and Know-What**
 - Supplemented by **Know-Where**
- Connections must be nurtured & maintained
- Currency is the essence of Connectivism
- Capacity to **know more** is more critical than what is **known**.

Personal Learning Networks

- Learner creates connections
- Develops network of resources
- Resources include
 - People
 - Websites
 - Blogs



It's ALL about
Connections

Alec Couros <http://www.scribd.com/doc/3363/Dissertation-Couros-FINAL-06-WebVersion>

PLN Info?

- News & Weather
- eMail
- Twitter Feeds
- Blogs
- Facebook
- Search Tools
- Delicious.com
- Custom Bookmarks
- Research Journals