Course : Information Technology Literacy Standards, 6-8   Date: February 24, 2005

Content Standards Strand (Letter):

A.   MEDIA AND TECHNOLOGY

Content Standard
Students in Wisconsin will select and use media and technology to access, organize, create, and communicate information for solving problems and constructing new knowledge, products, and systems.

Rationale:

Success in the 21st century will depend upon an understanding of and the capability to use current and emerging media and technology. The following performance standards list the behaviors which show that students recognize the various types of media and technology, know how to operate and use these technologies, and make sound judgments regarding the most effective technologies to use in specific situations. As the growth of media and technology continues to escalate, students meeting these performance standards will be better prepared to continue to learn and utilize them for the analysis, construction, and presentation of knowledge.

	Performance Standards	2002	2006-2007	Learning Target or Content Area Standard	Assessment Type(s)
ITLS A.8.2	**Identify and use common media formats**				
	identify the various organizational patterns used in different kinds of reference books	Reading 7		Identify how various organizational patterns (cause and effect, sequencing, compare and contrast, problem solution, definition example) in content area books, primary source materials, magazines, and newspapers are organized.	PA CR O
	use electronic encyclopedias, almanacs, indexes, and catalogs to retrieve and select information	Reading 7		find information using electronic sources such as encyclopedias, almanacs, indexes, catalogs, databases to retrieve and select information	PA O

Assessment Types: SR = Selected Response (matching, multiple choice, T/F)   PA = Performance Assessment (performance or authentic tasks)
CR = Constructed Response (short Answer/essay)   O = Observation (interactive and non-interactive)

Content Standards Strand (Letter):

B.   INFORMATION AND INQUIRY

Content Standard

Students in Wisconsin will access, evaluate, and apply information efficiently and effectively from a variety of sources in print, nonprint, and electronic formats to meet personal and academic needs.

Rationale:

Today's students face a present and future in which they will encounter unprecedented access to ever increasing amounts of information. Students must be prepared to evaluate critically each item of information in order to select and use information effectively in learning and decision-making for personal growth and empowerment. This critical evaluation requires that students have frequent opportunities to learn how knowledge is organized, how to find information, and how to use information in such a way that others can learn from them. Mastery of information and inquiry skills will prepare students to participate in a rapidly changing, information-based environment.

	Performance Standards	Course Phase I	Course Phase II	Learning Target or Content Area Standard	Assessment Type(s)
ITLS B.8.1	**Define the need for information**				
	identify the information problem or question to be resolved		Reading 7		
	relate what is already known to the information need		Reading 7		
	formulate general and specific research questions using a variety of questioning skills		Reading 7		
	revise and narrow the information questions to focus on the information need		Reading 7		
ITLS B.8.2	**Develop information-seeking strategies**				
	identify relevant sources of information including print, nonprint, electronic, human, and community resources	Communications 8		Find relevant sources of information including print, nonprint, electronic, human, and community resources related to the question researched.	O PA
	evaluate possible sources of information based on criteria of timeliness, genre, point of view, bias, and authority	Communications 8		Select most relevant sources based on copyright date, author, source (electronic and print), and point of view.	O PA
	select multiple sources that reflect differing or supporting points of view	Communications 8		Find multiple sources that reflect differing or supporting points of view.	O PA
	identify and select keywords and phrases for each source, recognizing that different sources use different terminology for similar concepts	English 6		Identify keywords, synonyms or phrases to search for the answer to your question.	O PA CR

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	organize ideas, concepts, and phrases using webbing, outlines, trees, or other visual or graphic tools (Inspiration or other print tools)	English 8		Use webbing, outlines, trees, or other visual or graphic tools to organize ideas, concepts, and phrases.	O PA
	focus search strategies on matching information needs with available resources	Reading 7		Identify best sources to answer their question(s).	O SR CR PA
ITLS B.8.3	**Locate and access information sources**				
	identify the classification system used in the school library media center, public library, and other local libraries	English 6		Identify the classification system in a school library/media center, public library, and electronic libraries.	O PA SR
	locate materials using the classification sys tems of the school library media center and the public library	English 6		Locate information by the Dewey Decimal System and/or Library of Congress System.	O PA SR
	use an on-line catalog and other databases of print and electronic resources	English 6		Use an online catalog and other online resources to locate information for your search.	O PA
	recognize differences in searching bibliographic records, abstracts, or full text databases	English 6		Distinguish between types of online catalogs and databases.	O PA
	search for information by subject, author, title, and keyword	English 6		Search for information by subject, author, title, and keyword.	O PA CR
	use ~~Boolean operators~~ with human or programmed guidance to narrow or broaden searches	English 6		Use advanced search strategies to narrow or broaden searches.	O PA CR
	use biographical dictionaries, thesauri, and other common reference tools in both print and electronic formats	Reading 7		Find information using biographical dictionaries and other common reference tools in both print and electronic formats.	O PA CR
	use a search engine to locate appropriate Internet or ~~Intranet~~ resources	Reading 7		Use a search engine to locate Internet resources for your search.	O PA
ITLS B.8.4	**Evaluate and sele ct information from a variety of print, nonprint, and electronic formats**				
	examine selected resources for pertinent information using previewing techniques to scan for major concepts and keywords	Reading 6		Apply previewing techniques to pertinent information to scan for concepts and keywords.	O PA
	locate indicators of authority for all sources of information	Reading 7		Differentiate indicators of authority for all print, electronic, and primary sources of information.	O PA
	select resources in formats appropriate to content and information need and compatible with their own learning style	Reading 7			

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ITLS B.8.5	**Record and organize information**				
	use notetaking strategies including summarizing and paraphrasing	Reading 7		Apply notetaking strategies to record information through the use of summarizing and paraphrasing.	O PA
	record concise notes in a prescribed manner, including bibliographic information	English 6		Record concise notes in a specific format, including bibliographic information	O PA
	cite the source of specific quotations or visuals using footnotes, endnotes, or internal citation formats	English 8		Cite the source of specific quotations.	O PA
	organize and compare information using graphic organizers, storyboarding, and other relational techniques	Reading 6		Use a variety of graphic organizers such as storyboards, and mapping to organize and compare information.	O PA
	organize information in a systematic manner appropriate to question, audience, and intended format of presentation	Communications 8		Organize information in a systematic manner appropriate to question, audience, and intended format of presentation	O PA
	record sources of information in a standardized bibliographic format	Reading 7		Record sources of information in a standardized bibliographic format	O PA

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Content Standards Strand (Letter):

C. INDEPENDENT LEARNING

Content Standard

Students in Wisconsin will apply information and technology skills to issues of personal and academic interest by actively and independently seeking information; demonstrating critical and discriminating reading, listening, and viewing habits; and, striving for personal excellence in learning and career pursuits.

Rationale:

Independent learning is central to the effective use of information and technology for personal, career, and recreational choices. Skills in independent learning are developed and used in the classroom and are essential for participation in education beyond the formal structures of schooling. Students should be able to select, evaluate, and relate literature, media, and other creative expressions of information to their own experience. Independent learners will demonstrate self-motivation in identifying information needs, solving information problems, evaluating solutions, and developing personal goals.

ITLS C.8.2	**Appreciate and derive meaning from literature and other creative expressions of information**				
	recognize that reviews, evaluations, and guidance from teachers, library media specialists, and others assist in the selection of appropriate literature and creative expressions of information	English 8		Use reviews, evaluations, and guidance from others or select appropriate literature.	O PA
	identify and use personal criteria for choosing literature and other creative expressions of information	English 8		Choose materials appropriate to student interests.	O PA
	relate literature and creative expressions of information to personal experiences	English 8		Tell how various forms of literature relate to student experiences/life.	O PA
	relate literature and creative expressions of information to other literature or creative expressions of information	English 8		Connect one form of literature or form of creative expressions to other forms.	O PA CR SR

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ITLS C.8.3	Develop competence and selectivity in reading, listening, and viewing				
	choose materials at appropriate developmental levels	Reading 7		Use strategies to select material at appropriate reading and developmental levels.	O PA CR - Essay
	identify and select materials that reflect diverse perspectives	Reading 7		RDG 7: Recognize materials that reflect different points of view.	O CR PA
	identify characteristics of common literary forms	English 7		Identify characteristics of literary forms such as poetry, drama, short stories, novels, folktales, etc.)	O CR PA SR
	recognize how words, images, sounds, and illustrations can be constructed to convey specific messages, viewpoints, and values	English 7		Eng 7: Use words, images, sounds, and illustrations to construct specific messages, viewpoints, and values.	O CR PA SR

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Content Standards Strand (Letter):

D.   THE LEARNING COMMUNITY

Content Standard

Students in Wisconsin will demonstrate the ability to work collaboratively in teams or groups, use information and technology in a responsible manner, respect intellectual property rights, and recognize the importance of intellectual freedom and access to information in a democratic society.

Rationale:

As a member of a community of learners, each individual's actions impact all members of that community. The workplace in the 21st century will be a collaborative environment requiring a high level of communication, problem-solving, and teamwork skills. The concept of the larger learning community suggests that all of us—students, teachers, administrators, parents, and other citizens—are interconnected in a lifelong quest to understand and meet our constantly changing information needs. The new learning community is not limited by time, place, age, occupation, or individual fields of study. Rather, this community is linked by mutual respect for the opinions and work of others; by interests and needs; by open and equitable access to information; and by a continually expanding and improving global telecommunications network.

ITLS D.8.2	Use information, media, and technology in a responsible manner				
	return all borrowed materials on time	English 6		Be responsible for borrowed materials by paying fines and returning material on time.	PA

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