

Eau Claire Area School District Technology Education ITLS

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.8.1	Use common media and technology terminology and equipment				
	recognize and solve routine computer hardware and software problems	Tech Ed 7		Recognize and solve routine computer hardware and software problems on a stand alone computer (e.g. printer error, saving file with the same name, trying to open a file under different program)	PA
	capture, edit, and combine video segments using a multimedia computer with editing software or a video editing system	Tech Ed 7		operate multimedia computers and editing software to capture, edit, and combine video segments	PA

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)

ITLS A.8.4	Use a computer and communications software to access and transmit information				
	view, print, save, and open a document from the Internet or other on-line sources	Tech Ed 8	2006-2007 Computer Applications	view, print, save, and open a document from the Internet or other on-line sources	O PA
	use basic search engines and directories to locate resources on a specific topic	Tech Ed 8	2006-2007 Computer Applications	Perform an advanced search with multiple words using a search engine	O PA
	demonstrate efficient Internet navigation	Tech Ed 8	2006-2007 Computer Applications	Navigate efficiently using hyperlinks, back, forward, history, home, hyperlink property bar at bottom of screen, refresh browser features	PA O
	organize World Wide Web bookmarks by subject or topic	Tech Ed 8	2006-2007 Computer Applications	Set up a file structure in their bookmarks (or favorites) organized by subject and topic	O
ITLS A.8.5	Use media and technology to create and present information				
	design and produce a multimedia program	Tech Ed 8		Design and produce a multimedia presentation (eg. webpage, video, or PowerPoint) that integrates text, graphics/video, and sound	PA
	plan and deliver a presentation using media and technology appropriate to topic, audience, purpose, or content	Tech Ed 8		Plan and deliver a multimedia presentation (eg. webpage, video, or Power Point) appropriate to topic, audience, purpose, or content	PA
ITLS A.8.6	Evaluate the use of media and technology in a production or presentation				
	determine the purpose of a specific production or presentation	Tech Ed 8		Determine the purpose for the multimedia presentation (e.g. webpage, video, or PowerPoint)	CR
	describe the effectiveness of the media and technology used in a production or presentation	Tech Ed 8		Describe how effective their multimedia choice (webpage, video, or PowerPoint) was for their presentation	CR
	identify criteria for judging the technical quality of a production or presentation	Tech Ed 8		Assist in the development of a class rubric for quality multimedia presentations (eg. webpage, video, or PowerPoint)	O CR
	judge how well the production or presentation meets identified criteria	Tech Ed 8		Assess how well their (or their peers) met the presentation criteria in the rubric	CR SL
	recommend ways to improve future productions or presentations	Tech Ed 8		Include comments recommending ways they (or their peers) can improve future presentations on the rubric	CR

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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	2002	2006-2007	Learning Target or Content Area Standard	Assessment Type(s)
ITLS B.8.7	Communicate the results of research and inquiry in an appropriate format				
	determine the audience and purpose for the product or presentation	Tech Ed 8		Determine the target audience and purpose for their webpage, video, or PowerPoint presentation and explain why	CR
	identify possible communication or production formats	Tech Ed 8		identify possible communication or production formats to use for their multimedia presentation and possible advantages/disadvantages of each	CR
	select a presentation format appropriate to the topic, audience, purpose, content, and technology available	Tech Ed 8		select a format appropriate to the topic, audience, purpose, content, and technology available for their multimedia presentation	CR
	develop an original product or presentation which addresses the information problem or question	Tech Ed 8		Design and produce a multimedia presentation (e.g. webpage, video, or PowerPoint) that integrates text, graphics/video, and sound and address a problem or answers a question	PA
ITLS B.8.8	Evaluate the information product and process				
	identify the criteria to be used in judging both the product (or presentation) and the process	Tech Ed 8		Assist in the development of a class rubric for quality multimedia presentations (e.g. webpage, video, or PowerPoint) Assist in the development of "Checkpoints" or "Benchmarks" along the way to ensure an effective process is followed to develop their multimedia presentation	O CR

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	determine how well research conclusions and product meet the original information need or question based on the identified criteria	Tech Ed 8		Reflect on how well the research they found addresses their problem or answer their question (checkpoint)	CR O
	assess the process based on identified criteria	Tech Ed 8		Assess whether they have met "Checkpoints" or "Benchmarks" established by the class	CR SR
	summarize ways in which the process and product can be improved	Tech Ed 8		Include comments recommending ways they (or their peers) can improve future presentations or the process involved in getting there.	CR

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.

	Performance Standards	2002	2006-2007	Learning Target or Content Area Standard	Assessment Type(s)
ITLS D.8.1	Participate productively in workgroups or other collaborative learning environments				
	collaborate with others to identify information needs and seek solutions	Tech Ed 8		collaborate with others to identify information needs and seek solutions	O
	demonstrate acceptance to new ideas and strategies from workgroup members	Tech Ed 8		demonstrate acceptance to new ideas and strategies from workgroup members	O (teacher or peer evaluation)

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determine workgroup goals and equitable distribution of individual or subgroup responsibilities and tasks	Tech Ed 8		determine workgroup goals and equitable distribution of individual or subgroup responsibilities and tasks	O PA CR
plan for the efficient use and allocation of time	Tech Ed 8		plan for the efficient use and allocation of time	O PA (teacher or peer evaluation)
complete workgroup projects on time	Tech Ed 8		complete workgroup projects on time	O
evaluate completed projects to determine how the workgroup could have functioned more efficiently and productively	Tech Ed 8		evaluate completed projects to determine how the workgroup could have functioned more efficiently and productively	CR

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