

Eau Claire Area School District Curriculum Map—FORM A

Course : Information Technology Literacy Standards, 6-8

Date: September 8, 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				
	identify and define computer and networking terms (e.g., modem, file server, client station, LAN, Internet/Intranet, data storage device)	Keyboarding 6	2006-2007 Computer Applications		
	demonstrate the correct operation of a computer system on a network	Keyboarding 6	2006-2007 Computer Applications		
	demonstrate touch keyboarding skills at acceptable speed and accuracy levels (suggested range 20-25 wpm)	Keyboarding 6	2006-2007 Computer Applications		

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)

	organize and backup files on a computer disk, drive, server, or other storage device	Keyboarding 6	2006-2007 Computer Applications		
	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
	use basic content-specific tools (e.g., environmental probes, measurement sensors, microscope, electronic scales) to provide evidence/support in a class project (Vague standard – measured in a variety of ways in various content areas)		Science	use microscope to make observations and gather information during laboratory activities need additional probeware, software, staff development and computer access to meet standard.	O
	scan, crop, and save a graphic using a scanner, digital camera, or other digitizing equipment	Art 7	2006-2007 Computer Applications		
	use simple graphing calculator functions to solve a problem	Math 7 & 8 (assess in both grades)		use simple graphing calculator functions to solve a problem Grade 7 – Var. & Patterns Grade 8 – MSA, GGG, TWMM, CMP & Algebra	PA O
	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
ITLS A.8.2	Identify and use common media formats				
	describe the operating and file management software of a computer (e.g., desktop, file, window, folder, directory, pull-down menu, dialog box)	Keyboarding 6	2006-2007 Computer Applications		
	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
	define the basic types of learning software (e.g., drill and practice, tutorial, simulation)	Keyboarding 6	2006-2007 Computer Applications		

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	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
	describe the various applications of productivity software programs (e.g., word processing, database, spreadsheet, presentation, communication, drawing, desktop publishing)	Keyboarding 6	2006-2007 Computer Applications		
	identify common integrated software packages or applications suites	Keyboarding 6	2006-2007 Computer Applications		
	use a graphics program to create or modify detail to an image or picture	Art 7	2006-2007 Computer Applications		
ITLS A.8.3	Use a computer and productivity software to organize and create information				
	explain the use of basic word processing functions (e.g., menu, tool bars, dialog boxes, radio buttons, spell checker, thesaurus, page layout, headers and footers, word count, tabs)	Keyboarding 6	2006-2007 Computer Applications		
	use the spell checker and thesaurus functions of a word processing program	Keyboarding 6	2006-2007 Computer Applications		
	Move textual and graphics data from one document to another	Keyboarding 6	2006-2007 Computer Applications		
	use graphics software to import pictures, images, and charts into documents	Keyboarding 6	2006-2007 Computer Applications		
	use a graphical organizer program to construct outlines or webs that organize ideas and information (Inspiration)	Keyboarding 6	2006-2007 Computer Applications	Help students organize their notes	
	compose a class report using advanced text formatting and layout styles (e.g., single and double spacing, different size and style of fonts, indents, headers and footers, pagination, table of contents, bibliography)	Keyboarding 6	2006-2007 Computer Applications		
	classify collected data and construct a simple database by defining fields, entering and sorting data, and producing a report	Science	2006-2007 Computer Applications	Periodic chart	

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	construct a simple spreadsheet, enter data, and interpret the information	Math 6, 7, 8		Math 6 – Data About Us construct a simple spreadsheet, enter data, and interpret the information	PA O
	plot and use different types of charts and graphs (e.g., line, bar, stacked, scatter diagram, area, pie charts, pictogram) from a spreadsheet program	Math 6, 7, 8		Math 6 – Data About Us plot and use different types of charts and graphs (e.g., line, bar, stacked, scatter diagram, area, pie charts, pictogram) from a spreadsheet program	PA O
	incorporate database and spreadsheet information (e.g., charts, graphs, lists) in word-processed documents	Science	2006-2007 Computer Applications	Vernier Probeware has software that collects data and produces charts, etc	
ITLS A.8.4	Use a computer and communications software to access and transmit information				
	define basic on-line searching and Internet terminology (e.g., website, HTML, home page, hypertext link, bookmark, URL address)	Keyboarding 6	2006-2007 Computer Applications		
	send an e-mail message with an attachment to several persons simultaneously (cc, but not a distribution list)	Keyboarding 6	2006-2007 Computer Applications		
	access information using a modem or network connection to the Internet or other on-line information services	Keyboarding 6	2006-2007 Computer Applications		
	view, print, save, and open a document from the Internet or other on-line sources	Tech Ed 7	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 7	2006-2007 Computer Applications	Perform an advanced search with multiple words using a search engine	O PA
	demonstrate efficient Internet navigation	Tech Ed 7	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 7	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				
	use draw, paint, or graphics software to create visuals that will enhance a class project or report	Art 7			

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	design and produce a multimedia program	Tech Ed 7		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 7		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 7		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 7		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 7		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 7		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 7		Include comments recommending ways they (or their peers) can improve future presentations on the rubric	CR

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