

**Eau Claire Area School District Curriculum Map—FORM A**

Course : Information Technology Literacy Standards, 9-12

Date: September 30, 2005

<b>Content Standards Strand (Letter):</b>					
<b>A. MEDIA AND TECHNOLOGY</b>					
<b>Content Standard</b>					
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.					
<b>Rationale:</b>					
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.					
	<b>Performance Standards</b>	<b>Course Phase I</b>	<b>Course Phase II</b>	<b>Learning Targets</b>	<b>Assessment Type(s)</b>
<b>ITLS</b>	<b>A.12.1 Use common media and technology terminology and equipment</b>				
<b>LA</b> E.12.1 E.12.3	identify and define basic on-line and telecommunications terminology or concepts (e.g., bandwidth, satellite dish, distance learning, desktop conferencing, listserv, downlink, teleconference, virtual reality)				
<b>SCI</b> C.12.6	demonstrate proper keyboarding mechanics and touch type accurately (suggested range 30-35 wpm)				
	use a camcorder, VCR, multimedia computer, or editing equipment to produce a short video program		English 9 (Film Unit) English 10, 11 (Media Unit)		
	identify common graphic, video, and sound file formats (e.g., JPEG, GIF, MPEG, QUICKTIME, WAV)				
	use desktop or video conferencing equipment and systems				

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)

<b>ITLS</b> <b>A.12.2</b>	<b>Identify and use common media formats</b>			
<b>LA</b> A.12.1 E.12.1	identify examples of agents, expert systems, or artificial intelligence (e.g., search engine, grammar checker, voice recognition, translators)			
<b>SCI</b> C.12.6 C.12.7	describe the common organizational patterns in different types of print media	English 10		
	identify and explain the use of common microforms			
	demonstrate how to import and export text, graphic, and sound files		Earth Science English 9 Social Studies	
	distinguish between an individual productivity program and an integrated software program or applications suite			
	edit, import, and export movie or video files		Earth Science English 9 (Film Unit) English 10, 11 (Media Unit)	
<b>ITLS</b> <b>A.12.3</b>	<b>Use a computer and productivity software to organize and create information</b>			
<b>LA</b> E.12.1	explain terminology and concepts connected with integrated software or an applications suite (e.g., tool palette, bulleted or numbered lists, macros, auto-correct, find-and-replace, stylesheets)			
<b>MATH</b> B.12.5 B.12.6 E.12.1 F.12.2	use an integrated program or applications suite to complete a class assignment			
	proofread and edit a document using the spell, thesaurus, and grammar checking functions of a word processing program	English 9		
<b>SCI</b> C.12.3 C.12.6	manipulate graphics objects in a word processing program (e.g., select, move, modify, delete, duplicate, arrange)		Earth Science English 9 Social Studies	
<b>SS</b> A.12.7 B.12.1	use desktop publishing and graphics software to produce page layouts in different formats (e.g., brochure, tri-fold, newsletter)			
	analyze data from a database and present conclusions in a document or report	Math 9		
	construct a spreadsheet, enter data into cells, use mathematical functions to manipulate/process data, generate a chart or graph, and interpret the results	Math 9		
	use a computer and graphical organizer software to generate modifiable flow charts, project time lines, organizational charts, or calendars		Social Studies	

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<b>ITLS</b> <b>A.12.4</b>	<b>Use a computer and communications software to access and transmit information</b>				
<b>LA</b> F.12.1	choose most appropriate search engines and directories to locate specific resources on the Internet or other on-line services	English 10			
<b>MATH</b> B.12.5 E.12.1	distinguish between "pull" and "push" or "broadcast" methods of acquiring information from an on-line source		Not possible with our network security		
<b>SCI</b> C.12.7	employ FTP (file transfer protocol) to retrieve and download computer files from a remote computer		Outdated standard		
<b>SS</b> B.12.2	use desktop conferencing, e-mail, or groupware to communicate with others regarding assignments or class projects		Group discussion boards, email list servs		
	accessing primary sources and other experts for class reports or projects	World Studies (Library of Congress Digital Library Any Primary Source)			
	participate in an on-line discussion group or listserv appropriate to a content area		Group discussion boards, email list servs		
	gather and organize statistical or survey data using e-mail, listservs, or on-line news or discussion groups		Math Psychology or Sociology		
<b>ITLS</b> <b>A.12.5</b>	<b>Use media and technology to create and present information</b>				
<b>LA</b> E.12.1 E.12.3 F.12.1	use draw, paint, graphics, or presentation software to visually communicate ideas or concepts		World Studies Math 10		
<b>MATH</b> C.12.1	produce a multimedia program using text, graphics, moving images, and sound		Earth Science		
<b>SCI</b> C.12.6	develop a document or file for inclusion into a website or web page	Life Science			
	participate in a desktop conferencing session to present and share information with others		Can we do this with our network?		

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<b>ITLS</b> <b>A.12.6</b>  <b>LA</b> <b>E.12.5</b>	<b>Evaluate the use of media and technology in a production or presentation</b>			
	assess the purpose and effectiveness of a production or presentation	English 10		
	evaluate the appropriateness and effectiveness of the media and technology used		English 10, 11	
	determine criteria for judging the delivery, pacing, focus, and technical quality of the production or presentation	English 10 (Media Unit)		
	judge how well the production or presentation meets specified criteria	English 10 (Media Unit)		
specify ways to improve future productions or presentations	English 10 (Media Unit)			

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