

**Bethlehem Area School District  
Library Curriculum**

Grade 9 - Information Literacy

Pennsylvania Standards	Topics / Performance Objectives	Activities / Resources	Assessment Strategy	Scope and Sequence	AASL Standards
1.8 A Select and refine a topic for research	<b>Determine Information Needs:</b> Topic:				
3.7.4 E Use on-line searches to answer age appropriate questions	Reference Need <ul style="list-style-type: none"> <li>• Select and narrow or refined a research topic</li> <li>• Formulate essential questions and subtopics for a research topic</li> <li>• Identify the type, amount, and format of information needed, specifically:               <ul style="list-style-type: none"> <li>• fact or opinion</li> <li>• primary or secondary</li> <li>• statistical, including graphs and charts</li> <li>• background/overview or in-depth/comprehensive</li> </ul> </li> </ul>	Introduce strategy Activities: Boolean Operators	Statement of Topic Focus questions	I R	1.1,1.3,3.2,4.1
1.8 B Locate information using appropriate sources and strategies	<b>Develop Information Seeking Strategies:</b>				
	Information Providers				
	School library information center Determine the most appropriate resources to use for: <ul style="list-style-type: none"> <li>◦ background/overview or in-depth/comprehension</li> <li>◦ fact/opinion</li> <li>◦ primary/secondary</li> <li>◦ statistical, including graphs and charts</li> </ul>	Review strategy Brainstorm possible sources	Completed requests	R/X I/R R/X	
	Global and educational providers <ul style="list-style-type: none"> <li>• Identify appropriate community resources</li> <li>• Be able to locate and obtain resources from the library, online networks, interlibrary loan and the community</li> </ul>	Introduce process Discuss strategies	Web evaluation sheets	R/X	
			Search strategy sheet	R	
1.8 B Locate information using appropriate sources and strategies	<b>Search Strategies</b> identify criteria for determining relevant source according to:	Review Strategy	Checklist of resources	R R I/R I/R I/R R/X R/X	1.1,1.2,1.4,1.5,2.1,2.2,2.3,2.4,3.2,3.3,4.1,5.2,6.1,6.2,7.1,7.2,8.3
	<ul style="list-style-type: none"> <li>• Currency</li> <li>• Accuracy</li> <li>• Reliability</li> <li>• Completeness</li> </ul>	Develop strategy		R	

3.7.7 E	<ul style="list-style-type: none"> <li>Preciseness</li> <li>Validity (is on target)</li> <li>Availability (including ILL)</li> <li>Ease of use</li> </ul>	Discuss appropriate forms of word to utilize in the search		I	
Apply basic on-line research techniques to solve a specific problem			Observation	I/R	
	Identify important keywords embedded in questions of a research problem	Review differences	Review printouts		
1.8 B	Know when to use indexing or subject (controlled vocabulary) searching versus keyword searching embedded in full-text			R	
Locate information using appropriate sources and strategies	Use important or unique keywords and synonyms to formulate a search strategy				
	<b>Locates and Acquires Information</b>	Review strategies		R	
	Apply an understanding of database structure when using electronic resources, such as the Internet and online periodical databases	Introduce strategies	Observation	I	
				I	
			Observation		
	Use search tool and commands in electronic databases:	Review purpose and procedure		I	1.1,1.2,1.4,1.5,2.1,2.2,2.3,2.4,3.2,3.3,4.1,5.2,6.1,6.2,7.1,8.3
	<ul style="list-style-type: none"> <li>"AND" and "OR" operators</li> <li>Truncation</li> <li>Phrase searching</li> </ul>		Comparison chart	I/R	
	<ul style="list-style-type: none"> <li>Date searching</li> </ul>		Comparison chart		
1.8 B	Effectively use an Internet search engine to locate relevant information				
Locate information using appropriate sources and strategies	Use equipment such as copiers, AV equipment, microfilm equipment and computers for information retrieval			R	
				R	
	<b>Information Use/Synthesis</b>				
	Locate and use primary sources appropriate to a research need	Review terminology		R	1.1,1.2,1.4,1.5,2.1,2.2,2.3,2.4,3.2,3.3,4.1,5.2,6.1,6.2,7.1,7.2,8.3
	Retrieve relevant information within print, non-print and electronic resources			R	
12. A	Distinguish between factual, authoritative information and unsubstantiated or biased information, particularly on the Internet	Review strategies			
Read and understand essential content of informational texts and documents in all academic areas			Pathfinder of resources utilized	R	
	Engage, extract and paraphrase relevant information on notecards from selected resources	Review process			
	Critically select and use the most applicable information		Student question	E	
		Introduce purpose and operation			
1.8 B	Organize notecards according to an outline to		Observation	I	

using appropriate sources and strategies	other graphic organizer	Develop the process			
	Create end product using organized notecards	Develop strategies			1.1,1.2,1.4,1.5,2.1,2.2,2.3,2.4,3.2,3.3,4.1,5.2,6.1,6.2,7.1,7.2,8.3
	Use a variety of information resources to create a multimedia product		Student participation	I	
	Effectively use information to defend a position on an issue		Pathfinder of resources utilized	R/X	
1.8 B			Rubric designed for project	R	
Locate information	<b>Evaluate Information</b> Establish evaluation criteria to a self-assessment checklist for a project or assignment			R	
	Evaluate multimedia products in terms of both content and format		Bibliography in MLA style	I	
	Evaluate oral and written products in terms of both content and format	Review style manual	Completed worksheets		
	Evaluate both the information-solving process and the end product				1.1,1.2,1.4,1.5,2.1,2.2,2.3,2.4,3.2,3.3,4.1,5.2,6.1,6.2,7.1,7.2,8.3
	<b>Bibliography</b> MLA Style				
	Create a bibliography/works cited in correct MLA format				1.1,1.2,1.4,1.5,2.1,2.2,2.3,2.4,3.2,3.3,4.1,5.2,6.1,6.2,7.1,7.2,8.3
	Use parenthetical documentation for direct quotes, statistics, and elsewhere as needed to give credit for origination or authorship				
	Appreciation				1.1,1.2,1.4,1.5,2.1,2.2,2.3,2.4,3.2,3.3,4.1,5.2,6.1,6.2,7.1,7.2,8.3

Pennsylvania Standards	Topics / Performance Objectives	Activities / Resources	Assessment Strategy	Scope and Sequence	AASL Standards
<b>Recognize Quality and Craftsmanship</b>					
1.1 A Identify and establish the purpose for reading	<b>Establish Clear Goals</b> Book Selection <ul style="list-style-type: none"> <li>• Select books of interest</li> <li>• Select books on appropriate level</li> </ul>	Literature circles ◦ Recommended reading list	Observe circulation Student participation reading log/journal	E	1.1
3.7.10 E Identify and explain various types of on-line services	<ul style="list-style-type: none"> <li>• Select books according to genre</li> <li>• Set information goals and find a variety of resources to achieve these goals</li> </ul>				5.1
1.3 A Read and understand works of literature		Review characteristics ◦ Recommended reading list	Student participation Reading log/journal	E	5.1,5.2
1.3 F Read and respond to nonfiction and fiction including poetry and drama	<b>Literature</b> Appreciation <ul style="list-style-type: none"> <li>• Read literature by award-winning authors</li> </ul>	Facilitate book selection		E	
	Genres <ul style="list-style-type: none"> <li>• Apply their knowledge of the characteristics of the following genres:</li> </ul>	<ul style="list-style-type: none"> <li>• Independent reading</li> </ul>	Reading log Observe circulation		5.1
1.3 A Read and understand works of literature	<ul style="list-style-type: none"> <li>◦ Adventure</li> <li>◦ Animal stories</li> <li>◦ Fantasy/Science fiction</li> <li>◦ Historical fiction</li> <li>◦ Mystery</li> <li>◦ Realistic fiction</li> <li>◦ Poetry</li> </ul>				

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1.8 C Organize, summarize and present the main ideas from (the) research	<b>Demonstrates Social Responsibility: Equitable access</b> Circulation procedures	Review procedures	Circulation system	R	2.1, 2.2, 2.3, 3.1, 3.2, 3.3, 3.4, 4.2, 5.3, 6.1, 6.2, 8.2	
	<ul style="list-style-type: none"> <li>Follow circulation procedures and guidelines</li> </ul>	Review strategies		E		
	Resources Attempt to obtain information from a diversity of perspectives					
	<b>Ethical behavior</b> Intellectual freedom	Discuss terminology	Observation	R		
		Discuss plagiarism				
	<ul style="list-style-type: none"> <li>Define the term intellectual freedom</li> <li>Intellectual property rights</li> <li>Identify information to correctly cite print, non-print, and electronic resources in MLA format</li> </ul>	Discuss implications	Observation	R		
	<ul style="list-style-type: none"> <li>Apply legal principles and ethical conduct related to information use, including avoidance of plagiarism and compliance with copyright laws and guidelines</li> </ul>	Review policy and procedures	Observation	R I/R		
				R		
	Cybersafety	Review equipment				
		<ul style="list-style-type: none"> <li>Demonstrate understanding of district's acceptable use policy</li> <li>Demonstrate responsibility for protecting software and hardware from computer viruses</li> <li>Identify terminology and define concepts related to telecommunications and telecomputing (e-mail, online searching, FTP)</li> </ul>		Observation Student questions		R
			R			
			R			
			Observation	R		
				I		
3.7.12 E Analyze the effectiveness of on-line information resources to meet the needs for collaboration, research, publications, communications and productivity	Acceptable use <ul style="list-style-type: none"> <li>Demonstrate acceptable use of resources</li> <li>Demonstrate responsible use of equipment</li> <li>Demonstrate an understanding of the legal reuses of information and its related technologies (copiers, recorders, and computers)</li> <li>Demonstrate responsible care of facility</li> </ul>	Review guidelines for working in groups	Observation	R		
				R		
					R	
	<b>Member of Learning Group</b> Criteria <ul style="list-style-type: none"> <li>Share knowledge gain from resources</li> <li>Respect others' ideas and opinions</li> </ul>					

- Work to solve an information problem