FINDS: Research Process Model – Focus K-12 Scope and Sequence

Focus on the	Focus on the information need –											
1.1 Identify	1.1 Identify area of inquiry, working in groups or individually.											
Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/ Twelfth		
K.1.1.1 Ask	1.1.1.1 Ask	2.1.1.1 Activate	3.1.1.1 Activate	4.1.1.1 Activate	5.1.1.1 Activate	6.1.1.1 Activate	7.1.1.1 Activate	8.1.1.1 Activate	910.1.1.1 Activate	1112.1.1.1		
questions to	questions to	prior knowledge	prior and	Activate prior and								
obtain	obtain	to select topic	background									
information,	information,	when appropriate,	knowledge to									
collaborating with	collaborating with	collaborating with	select topic when									
others if working	others if working	others if working	appropriate,									
in group.	in group.	in group.	collaborating with									
			others if working									
			in group.									
K.1.1.2 Narrow or	1.1.1.2 Narrow or	2.1.1.2 Narrow or	3.1.1.2 Narrow or	4.1.1.2 Narrow or	5.1.1.2 Narrow or	6.1.1.2 Narrow or	7.1.1.2 Narrow or	8.1.1.2 Narrow or	910.1.1.2 Narrow	1112.1.1.2		
broaden topic.	broaden topic.	broaden topic.	broaden topic.	broaden topic.	broaden topic.	broaden topic.	broaden topic.	broaden topic.	or broaden topic.	Narrow or		
										broaden topic.		
	1.1.1.3 Use	2.1.1.3 Use	3.1.1.3 Use	4.1.1.3 Use	5.1.1.3 Use	6.1.1.3 Generate	7.1.1.3 Generate	8.1.1.3 Generate a	910.1.1.3	1112.1.1.3		
	brainstorming or	brainstorming,	brainstorming,	brainstorming,	brainstorming,	presearch	presearch	range of presearch	Generate a range	Generate a range		
	webbing to write	webbing, or	webbing, or	webbing, or	webbing, or	questions through	questions through	questions through	of presearch	of presearch		
	presearch	graphic organizers	graphic organizers	graphic organizers	graphic organizers	brainstorming and	brainstorming and	brainstorming and	questions through	questions through		
	questions.	to write presearch	to write presearch	to write presearch	to write presearch	use of graphic	use of graphic	use of graphic	brainstorming and	brainstorming and		
		questions.	questions.	questions.	questions.	organizers.	organizers.	organizers.	use of graphic	use of graphic		
									organizers.	organizers.		
			3.1.1.4 Define	4.1.1.4 Define	5.1.1.4 Define	6.1.1.4 Define	7.1.1.4 Define	8.1.1.4 Define	910.1.1.4 Define	1112.1.1.4 Define		
			search terms (e.g.,									
			alternate terms,	alternate terms,	alternate terms,	Boolean search						
			keywords).	keywords).	keywords).	operators,	operators,	operators,	operators,	operators,		
						alternate terms,						
						keywords).	keywords).	keywords).	keywords).	keywords).		
			3.1.1.5 Formulate	4.1.1.5 Formulate	5.1.1.5 Formulate	6.1.1.5 Formulate	7.1.1.5 Formulate	8.1.1.5 Formulate	910.1.1.5	1112.1.1.5		
			a statement of	a statement of	a statement of	a thesis or	a thesis or	a thesis or	Formulate a thesis	Formulate a thesis		
			purpose.	purpose.	purpose.	statement of	statement of	statement of	or statement of	or statement of		
						purpose.	purpose.	purpose.	purpose.	purpose.		

Focus on the information need – 1.2 Decide how much information is needed, working in groups or individually.											
Kindergarten	rgarten First Second Third Fourth Fifth Sixth Seventh Eighth Ninth/Tenth										
	1.1.2.1 Recognize when there is a need for more than one source of information.	2.1.2.1 Recognize when there is a need for more than one source of information.	3.1.2.1 Recognize when there is a need for more than one source of information.	4.1.2.1 Recognize when there is a need for more than one source of information.	5.1.2.1 Recognize need for mul le information sources.	6.1.2.1 Recognize need for mul le information sources.	7.1.2.1 Recognize need for multiple information sources.	8.1.2.1 Recognize need for multiple information sources.	910.1.2.1 Recognize need for multipl information sources.	1112.1.2.1 Recognize need for multiple information sources.	
	1.1.2.2 Predict possible sources of appropriate materials.	2.1.2.2 Predict possible sources of appropriate materials.	3.1.2.2 Identify possible sources of appropriate materials.	4.1.2.2 Identify possible sources of information.	5.1.2.2 Identify possible sources of information.	6.1.2.2 Identify potential information sources.	7.1.2.2 Identify potential information sources.	8.1.2.2 Identify potential information sources.	910.1.2.2 Identify potential information sources.	1112.1.2.2 Identify po tential information sources.	

Focus on the information need – 1.3 Develop a search action plan and timeline, working in groups or individually.

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/ Twelfth
K.1.3.1 Work	1.1.3.1 Work	2.1.3.1 Work	3.1.3.1 Work	4.1.3.1 Work	5.1.3.1 Work	6.1.3.1 Work	7.1.3.1 Work	8.1.3.1 Work	910.1.3.1 Work	1112.1.3.1 Work
individually or in	individually or in	individually or in	individually or in	individually or in	individually or in	individually or in	individually or in	individually or in	individually or in	individually or in
cooperative group	cooperative group	cooperative group	cooperative group	cooperative group	cooperative group	cooperative group	cooperative group	cooperative group	cooperative group	cooperative group
to decide who can	to decide who can	to decide who can	to contribute to a	to develop a	to develop a	to develop a	to develop a	to develop a	to develop a	to develop a
assist in locating	assist in locating	assist in locating	librarian/teacher-	simple search	search action plan					
an answer to a	an answer to a	information for a	devised search	action plan which	with timeline					
librarian/teacher	librarian/teacher	librarian/teacher	action plan which	lists:	which lists:	which lists:	which lists:	which lists:	which lists:	which lists:
directed activity.	directed activity.	directed activity.	lists:	• topic and	 topic and 	 topic and 	• topic and	• topic and	 topic and 	• topic and
			 topic and 	subtopics;						
			subtopics;	 keywords and 						
			 keywords and 	alternate terms;						
			alternate terms;	• presearch						
			• presearch	questions;	questions;	questions;	questions	questions;	questions;	questions;
			questions;	• possible	• possible	• thesis or				
			• possible	information	information	statement of				
			information	sources; and	sources;	purpose;	purpose;	purpose;	purpose;	purpose;
			sources; and	• people to	• people to	• possible				
			• people to	provide	provide	information	information	information	information	information
			provide	assistance with	assistance with	sources;	sources;	sources;	sources;	sources;
			assistance with	research (e.g.,	research	• people to				
			research	teacher, parents,	(e.g., teacher,	provide	provide	provide	provide	provide

	Focus on the information need – 1.3 Develop a search action plan and timeline, working in groups or individually.										
Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/ Twelfth	
			(<i>e.g.</i> , teacher, parents, school and/or public librarian).	school and/or public librarian)	parents, school and/or public librarian); and • due dates for project.	 assistance with research (<i>e.g.</i>, teacher, subject specialists, school and/or public librarian); and due dates for project. 	 assistance with research (<i>e.g.</i>, teacher, subject specialists, school and/or public librarian); and due dates for project. 	 assistance with research (<i>e.g.</i>, teacher, subject specialists, school and/or public librarian); and due dates for project. 	 assistance with research (<i>e.g.</i>, teacher, subject specialists, school and/or public librarian); and due dates for projects. 	 assistance with research (e.g., teacher, subject specialists, school and/or public librarian); and due dates for project phases. 	
			3.1.3.2 Understand online navigation procedures (<i>e.g.</i> , buttons, toolbar, links, favorites or bookmarks).	4.1.3.2 Understand online navigation procedures (<i>e.g.</i> , toolbar, links, favorites or bookmarks).	5.1.3.2 Understand online navigation procedures (<i>e.g.</i> , toolbar, links, favorites or bookmarks).	6.1.3.2 Understand online navigation procedures (<i>e.g.</i> , toolbar, links, favorites or bookmarks).	7.1.3.2 Understand online navigation procedures (<i>e.g.</i> , toolbar, links, favorites or bookmarks).	8.1.3.2 Understand online navigation procedures (<i>e.g.</i> , toolbar, links, favorites or bookmarks).	910.1.3.2 Understand online navigation procedures (<i>e.g.</i> , toolbar, links, favorites or bookmarks).	1112.1.3.2 Understand online navigation procedures (<i>e.g.</i> , toolbar, links, favorites or bookmarks).	
					5.1.3.3 Sequence the steps in the research process.	6.1.3.3 Sequence the steps in the research process.	7.1.3.3 Sequence the steps in the research process.	8.1.3.3 Sequence the steps in the research process.	910.1.3.3 Sequence the steps in the research process.	1112.1.3.3 Sequence the steps in the research process.	

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