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

## Investigate resources to search for answers –

2.1 Locate print and digital resources, working in groups or individually

2.1 Locate p	erint and digi	ital resources	s, working in	groups or inc	dividually.					
Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/ Twelfth
K.2.1.1 Select	1.2.1.1 Select	2.2.1.1 Select	3.2.1.1 Retrieve	4.2.1.1 Retrieve	5.2.1.1 Retrieve	6.2.1.1 Retrieve	7.2.1.1 Retrieve	8.2.1.1 Retrieve	910.2.1.1 Retrieve	1112.2.1.1
books from easy	books from easy	books from easy	fiction, nonfiction,	Retrieve fiction,						
shelves based on	and fiction	and fiction	and reference	nonfiction, and						
personal interests;	collections, using	collections, using	books from	reference books						
choose books	author's surname;	author's surname;	shelves using call	from shelves						
from library	choose books	locate nonfiction	numbers.	using call						
display for	from library	books using								numbers.
classroom	display for	library signage,								
projects.	classroom	beginning to								
	projects.	recognize that								
		nonfiction section								
		is arranged by								
		DDC numbers.								
K.2.1.2 Recognize	1.2.1.2 Recognize	2.2.1.2 Use a	3.2.1.2 Use title,	4.2.1.2 Use title,	5.2.1.2 Use title,	6.2.1.2 Use	7.2.1.2 Use	8.2.1.2 Use	910.2.1.2 Use	1112.2.1.2 Use
that the library	that the library	keyword search in	subject, author, or	subject, author, or	subject, author, or	advanced search				
catalog has	catalog has	a school or public	keyword searches	keyword searches	keyword searches	strategies to locate				
information about	information about	library online	to locate resources	to locate resources	to locate resources	resources using an				
all the books and	all the books and	public access	in the school or	in the school or	the school or	online public				
materials in the	materials in the	catalog (OPAC).	public library	public library	public library	access catalog				
library media	library media		online public	online public	online public	(OPAC) in the				
center.	center.		access catalog	access catalog	access catalog	local school,				
			(OPAC).	(OPAC).	(OPAC).	district, and public	district, and public	district, and public	district, public, or	district, public, or
						libraries.	libraries.	libraries.	university	university
V 0 1 2 I 1	1.0.1.0.11	2.2.1.2.11	2.2.1.2.11	4.2.1.2.11	5 0 1 0 I 1	6012H	701011	0.0.1.2.11	libraries.	libraries. 111210.2.1.3
K.2.1.3 Identify	1.2.1.3 Identify	2.2.1.3 Identify	3.2.1.3 Identify	4.2.1.3 Identify	5.2.1.3 Identify	6.2.1.3 Identify	7.2.1.3 Identify	8.2.1.3 Identify	910.2.1.3 Identify	
appropriate	appropriate	appropriate	appropriate	appropriate	appropriate	appropriate	appropriate	appropriate	appropriate	Identify
resources to	resources to	resources to	resources to	resources to	resources to	resources to	resources to	resources to	resources to	appropriate
answer a personal	answer a personal	answer a personal	answer a personal	answer a personal	answer a personal	answer a personal	answer a personal	answer a personal	answer a personal	resources to
or academic	or academic	or academic	or academic	or academic	or academic	or academic	or academic	or academic	or academic	answer a personal
information need	information need	information need	information need	information need	information need	information need	information need	information need	information need	or academic

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2.1 Locate print and digital resources, working in groups or individually.

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/ Twelfth
from various	from various	from various	from various	from various	from various	from various	from various	from various	from various	information need
					locations (e.g.,			locations (e.g.,		from various
locations (e.g.,	locations (e.g.,	locations (e.g.,	locations (e.g.,	locations (e.g.,		locations (e.g.,	locations (e.g.,		locations (e.g.,	
school/public	school/public	school/public	school/public	school/public	school/public	school/public	school/public	school/public	school/public	locations (e.g.,
library or book	library or book	library or book	library or book	library or book	library or book	library or book	library or book	library or book	library or book	school/public
store).	store).	store).	store).	store).	store).	store).	store).	store).	store).	library or book
										store).
	1.2.1.4 Recognize	2.2.1.4 Use the	3.2.1.4 Use online	4.2.1.4 Use online	5.2.1.4 Use fee-	6.2.1.4 Use fee-	7.2.1.4 Use fee-	8.2.1.4 Use fee-	910.2.1.4 Use fee-	1112.2.1.4 Use
	that the library	library catalog to	resources (e.g.,	resources (e.g.,	based online	based online	based online	based online	based online	fee-based online
	catalog has	explore materials,	catalog,	catalog,	sources (e.g.,	sources (e.g.,	sources (e.g.,	sources (e.g.,	sources (e.g.,	sources (e.g.,
	information about	with teacher or	encyclopedias and	encyclopedias and	catalog,	catalog,	catalog,	catalog,	catalog,	catalog,
	all the books and	librarian	preselected	selected Internet	subscription	subscription	subscription	subscription	subscription	subscription
	materials in the	assistance.	Internet sites) with	sites).	encyclopedias,	encyclopedias,	encyclopedias,	periodical and	periodical and	periodical and
	library media		assistance.		periodical and	periodical and	periodical and	reference	reference	reference
	center.				reference	reference	reference	databases) and	databases) and	databases) and
					databases) and	databases) and	databases) and	Internet sites (e.g.,	Internet sites (e.g.,	Internet sites (e.g.,
					selected Internet	Internet sites.	Internet sites.	Florida Memory	Florida Memory	Florida Memory
					sites.			Project)	Project).	Project).

## Investigate resources to search for answers –

2.2 Apply evaluative criteria to select the best resources to answer search question, working in groups or individually.

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/ Twelfth
K.2.2.1 Understand	1.2.2.1	2.2.2.1	3.2.2.1	4.2.2.1	5.2.2.1	6.2.2.1	7.2.2.1	8.2.2.1	910.2.2.1	1112.2.2.1
that the information	Understand that	Understand that	Understand that	Understand that	Understand that	Understand that	Understand that	Understand that	Understand that	Understand that
need determines the	the information	the information	the information	the information	the information	the information	the information	the information	the information	the information
resources selected	need determines	need determines	need determines	need determines	need determines	need determines	need determines	need determines	need determines	need determines
(e.g., dictionary, nonfiction,	the resources	the resources	the resources	the resources	the resources	the resources	the resources	the resources	the resources	the resources
photograph).	selected (e.g.,	selected (e.g.,	selected (e.g.,	selected (e.g.,	selected (e.g.,	selected (e.g.,	selected (e.g.,	selected (e.g.,	selected (e.g.,	selected (e.g.,
photograph).	dictionary,	dictionary,	dictionary,	dictionary,	encyclopedia,	encyclopedia,	encyclopedia,	encyclopedia,	subject	subject
	nonfiction,	encyclopedia,	encyclopedia,	thesaurus,	almanac,	almanac,	almanac,	almanac,	encyclopedia,	encyclopedia,
	photograph).	nonfiction,	nonfiction,	encyclopedia,	nonfiction,	nonfiction,	nonfiction,	nonfiction,	almanac,	handbook,
		photograph).	photograph).	nonfiction,	newspaper,	newspaper,	newspaper,	newspaper,	nonfiction,	nonfiction,
				newspaper).	magazine, Internet	magazine, Internet	periodical,	periodical,	newspaper,	newspaper,
					source).	source).	Internet source).	Internet source).	periodical,	periodical,
									Internet source).	Internet source).
			3.2.2.2 Begin to	4.2.2.2 Begin to	5.2.2.2 Begin to	6.2.2.2 Apply	7.2.2.2 Create and	8.2.2.2 Create and	910.2.2.2 Create	1112.2.2.2 Create
			apply	apply	apply	predetermined	apply evaluative	apply evaluative	and apply	and apply
			predetermined	predetermined	predetermined	evaluative criteria	criteria for	criteria for	evaluative criteria	evaluative criteria

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## 2.2 Apply evaluative criteria to select the best resources to answer search question, working in groups or individually.

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/ Twelfth
			evaluative criteria for selecting resources ( <i>e.g.</i> , relevance, currency, readability).  3.2.2.3 Begin to identify primary sources ( <i>e.g.</i> , letters, family photographs) and secondary sources ( <i>e.g.</i> , textbooks, biographies).	evaluative criteria for selecting resources ( <i>e.g.</i> , relevance, currency, authority, readability).  4.2.2.3 Begin to identify primary sources ( <i>e.g.</i> , letters, family photographs) and secondary sources ( <i>e.g.</i> , textbooks, biographies).	evaluative criteria for selecting resources ( <i>e.g.</i> , relevance, currency, authority, readability).  5.2.2.3 Identify and use primary sources ( <i>e.g.</i> , letters, autobiographies, photographs) and secondary sources ( <i>e.g.</i> , textbooks, biographies, encyclopedias).	for selecting resources (e.g., relevance, currency, authority, readability) with guidance as needed.  6.2.2.3 Identify and use primary sources (e.g., letters, autobiographies, photographs) and secondary sources (e.g., textbooks, biographies, encyclopedias).	selecting resources (e.g., relevance, currency, authority, readability) with guidance as needed. 7.2.2.3 Identify and use primary sources (e.g., letters, autobiographies, photographs, speeches) and secondary sources (e.g., textbooks, biographies, encyclopedias).	selecting resources (e.g., relevance, currency, authority, readability).  8.2.2.3 Identify and use primary sources (e.g., letters, autobiographies, photographs, speeches) and secondary sources (e.g., textbooks, biographies, encyclopedias).	for selecting resources (e.g., relevance, currency, authority, readability).  910.2.2.3 Identify and use primary sources (e.g., letters, autobiographies, photographs, interviews, speeches) and secondary sources (e.g., textbooks, biographies).	for selecting resources (e.g., relevance, currency, authority, coverage).  1112.2.2.3 Identify and use primary sources (e.g., letters, autobiographies, photographs, interviews, treaties, speeches) and secondary sources (e.g., textbooks, biographies, historical analyses).
				4.2.2.4 Select a variety of information sources representing a range of viewpoints and formats.	5.2.2.4 Select a variety of information sources representing a range of viewpoints and formats.	6.2.2.4 Select a variety of information sources representing a range of viewpoints and formats.	7.2.2.4 Select a variety of information sources representing a range of viewpoints and formats.	8.2.2.4 Select a variety of information sources representing a range of viewpoints and formats.	910.2.2.4 Select a variety of information sources representing a range of viewpoints and formats.	1112.2.2.4 Select a variety of information sources representing a range of viewpoints and formats.

# Investigate resources to search for answers –

# 2.3 Demonstrate an understanding of how information is organized and located, working in groups or individually.

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/				
		Second					Seventii	Eighth	Militil/ I citti	Twelfth				
	K.2.3.1 Recognize	1.2.3.1 Recognize	2.2.3.1 Recognize	3.2.3.1 Recognize	4.2.3.1 Recognize	5.2.3.1 Recognize	6.2.3.1 Recognize	7.2.3.1 Recognize	8.2.3.1 Recognize	910.2.3.1	1112.2.3.1			
	that reference	Recognize that	Recognize that											

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# 2.3 Demonstrate an understanding of how information is organized and located, working in groups or individually.

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/ Twelfth
information is	information is	information is	information is	information is	information is	information is	information is	information is	reference	reference
organized in	organized in	organized in	organized in	organized in	organized in	organized in	organized in	organized in	information is	information is
specific formats	specific formats	specific formats	specific formats	specific formats	specific formats	specific formats	specific formats	specific formats	organized in	organized in
(e.g., dictionaries).	(e.g., dictionaries).	(e.g., dictionaries,	(e.g., dictionaries,	(e.g., dictionaries,	(e.g., subject-	(e.g., subject-	(e.g., subject-	(e.g., subject-	specific formats	specific formats
		encyclopedias,	encyclopedias,	encyclopedias,	specific	specific	specific	specific	(e.g., subject-	(e.g., subject-
		almanacs).	almanacs, atlases).	almanacs, atlases).	dictionaries,	dictionaries,	dictionaries,	dictionaries,	specific	specific
					encyclopedias,	encyclopedias,	encyclopedias,	almanacs, atlases,	dictionaries,	dictionaries,
					almanacs, atlases,	almanacs, atlases,	almanacs, atlases,	biographical	atlases,	atlases,
					biographical	biographical	biographical	sources).	biographical	biographical
					sources).	sources).	sources).		sources).	sources).
K.2.3.2	1.2.3.2	2.2.3.2	3.2.3.2	4.2.3.2	5.2.3.2	6.2.3.2	7.2.3.2	8.2.3.2	910.2.3.2	1112.2.3.2
Understand that	Understand that	Understand that	Understand that	Understand that	Understand that	Understand that	Understand that	Understand that	Understand that	Understand that
resources may be	resources may be	resources may be	resources may be	resources may be	resources may be	resources may be	resources may be	resources may be	resources may be	resources may be
organized	organized	organized	organized	organized	organized	organized	organized	organized	organized	organized
according to type	according to type	according to type	according to type	according to type	according to type	according to type	according to type	according to type	according to type	according to type
or format either	or format either	or format either	or format either	or format either	or format either	or format either	or format either	or format either	or format either	or format either
alphabetically or	alphabetically or	alphabetically or	alphabetically,	alphabetically,	alphabetically,	alphabetically,	alphabetically,	alphabetically,	alphabetically,	alphabetically,
numerically.	numerically.	numerically.	numerically, or	numerically, or	numerically,	numerically,	numerically,	numerically,	numerically,	numerically,
			topically.	topically.	topically,	topically,	topically,	topically,	topically,	topically,
					chronologically,	chronologically,	chronologically,	chronologically,	chronologically,	chronologically,
					or graphically.					
	1.2.3.3 Use	2.2.3.3 Use	3.2.3.3 Use	4.2.3.3 Use	5.2.3.3 Use	6.2.3.3 Use	7.2.3.3 Use	8.2.3.3 Use	910.2.3.3 Use	1112.2.3.3 Use
	headings,	headings,	headings,	headings,	headings,	headings,	headings,	headings,	headings,	headings,
	captions,	captions,	captions,	captions,	captions,	captions,	captions,	captions,	captions,	captions,
	keywords, tables	keywords,	keywords,	keywords,	keywords,	keywords,	keywords,	keywords,	keywords,	keywords,
	of contents, and	glossaries, tables	glossaries, tables	glossaries, tables	glossaries, tables	glossaries, tables	glossaries, tables	glossaries, tables	glossaries, tables	glossaries, tables
	indexes.	of contents, and	of contents, and	of contents, and	of contents, and	of contents, and	of contents, and	of contents, and	of contents, and	of contents, and
		indexes.	indexes.	indexes.	indexes.	indexes.	indexes.	indexes.	indexes.	indexes.
		2.2.3.4 Begin to	3.2.3.4	4.2.3.4	5.2.3.4	6.2.3.4	7.2.3.4	8.2.3.4	910.2.3.4	1112.2.3.4
		understand and	Understand and	Understand and	Understand and	Understand and	Understand and	Understand and	Understand and	Understand and
		use the	begin to use the	use the	use the	use the	use the	use the	use the	use the
		organizational	organizational	organizational	organizational	organizational	organizational	organizational	organizational	organizational
		structure of the	structure of the	structure of the	structure of the	structure of the	structure of the	structure of the	structure of the	structure of a
		library (e.g.,	library (e.g.,	library (e.g.,	library (e.g.,	library (e.g.,	library (e.g.,	library (e.g.,	library (e.g.,	library (e.g.,
		Dewey Decimal	Dewey Decimal	Dewey Decimal	Dewey Decimal	Dewey Decimal	Dewey Decimal	Dewey Decimal	Dewey Decimal	Dewey Decimal
		System).	System).	System).	System).	System).	System).	System).	System).	System and
										Library of
										Congress
										Classification

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Investigate resources to search for answers –											
2.3 Demons	2.3 Demonstrate an understanding of how information is organized and located, working in groups or individually.										
Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/ Twelfth	
										System).	

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# 2.4 Exhibit responsible care and use of materials, e-resources, equipment, and facilities, working in groups or individually.

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/ Twelfth
K.2.4.1 Follow	1.2.4.1 Follow	2.2.4.1 Follow	3.2.4.1 Follow	4.2.4.1 Follow	5.2.4.1 Follow	6.2.4.1 Follow	7.2.4.1 Follow	8.2.4.1 Follow	910.2.4.1 Follow	1112.2.4.1 Follow
procedures for	procedures for	procedures for	procedures for	procedures for	procedures for	procedures for	procedures for	procedures for	procedures for	procedures for
circulation and	circulation and	circulation and	circulation and	circulation and	circulation and	circulation and	circulation and	circulation and	circulation and	circulation and
timely return of	timely return of	timely return of	timely return of	timely return of	timely return of	timely return of	timely return of	timely return of	timely return of	timely return of
materials.	materials.	materials.	materials.	materials.	materials.	materials.	materials.	materials.	materials.	materials.
K.2.4.2 Exhibit	1.2.4.2 Exhibit	2.2.4.2 Exhibit	3.2.4.2 Exhibit	4.2.4.2 Exhibit	5.2.4.2 Exhibit	6.2.4.2 Exhibit	7.2.4.2 Exhibit	8.2.4.2 Exhibit	910.2.4.2 Exhibit	1112.2.4.2 Exhibit
responsible care in	responsible care in	responsible care in	responsible care in	responsible care in	responsible care in	responsible care in	responsible care in	responsible care in	responsible care in	responsible care in
the use of	the use of	the use of	the use of	the use of	the use of	the use of	the use of	the use of	the use of	the use of
materials,	materials,	materials,	materials,	materials,	materials,	materials,	materials,	materials,	materials,	materials,
equipment, and	equipment, and	equipment, and	equipment, and	equipment, and	equipment, and	equipment, and	equipment, and	equipment, and	equipment, and	equipment, and
facilities.	facilities.	facilities.	facilities.	facilities.	facilities.	facilities.	facilities.	facilities.	facilities.	facilities.
K.2.4.3 Follow	1.2.4.3 Follow	2.2.4.3 Follow	3.2.4.3 Follow	4.2.4.3 Follow	5.2.4.3 Follow	6.2.4.3 Follow	7.2.4.3 Follow	8.2.4.3 Follow	910.2.4.3 Follow	1112.2.4.3 Follow
guidelines and	guidelines and	guidelines and	guidelines and	guidelines and	guidelines and	guidelines and	guidelines and	guidelines and	guidelines and	guidelines and
etiquette in the use	etiquette in the use	etiquette in the use	etiquette in the use	etiquette in the use	etiquette in the use	etiquette in the use	etiquette in the use			
of electronic	of electronic	of electronic	of electronic	of electronic	of electronic	of electronic	of electronic	of electronic	of electronic	of electronic
information	information	information	information	information	information	information	information	information	information	information
sources.	sources.	sources.	sources.	sources.	sources.	sources.	sources.	sources.	sources.	sources.
			3.2.4.4 Begin to	4.2.4.4 Begin to	5.2.4.4	6.2.4.4	7.2.4.4	8.2.4.4	910.2.4.4	1112.2.4.4
			demonstrate	demonstrate	Demonstrate	Demonstrate	Demonstrate	Demonstrate	Demonstrate	Demonstrate
			responsible use of	responsible use of	responsible use of	responsible use of	responsible use of	responsible use of	responsible use of	responsible use of
			Internet and other	Internet and other	Internet and other	Internet and other	Internet and other	Internet and other	Internet and other	Internet and other
			e-resources	e-resources	e-resources	e-resources	e-resources	e-resources	e-resources	e-resources
			consistent with the	consistent with the	consistent with the	consistent with the	consistent with the	consistent with the	consistent with the	consistent with the
			school's	school's	school's	school's	school's	school's	school's	school's
			Acceptable Use Policy.	Acceptable Use	Acceptable Use Policy.	Acceptable Use	Acceptable Use	Acceptable Use Policy.	Acceptable Use	Acceptable Use Policy.
			roncy.	Policy.	roncy.	Policy.	Policy.	roncy.	Policy.	roncy.

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