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

Develop information into knowledge for presentation – 4.1 Select a presentation format appropriate for the topic, audience, and purpose, working in groups or individually. Kindergarten First Second Third Fourth Fifth Sixth Seventh Eighth Ninth/Tenth Twelfth

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Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/ Twelfth
K.4.1.1 Use a	1.4.1.1 Use a	2.4.1.1 Use a	3.4.1.1 Choose a	4.4.1.1 Choose a	5.4.1.1 Choose a	6.4.1.1 Choose a	7.4.1.1 Choose a	8.4.1.1 Choose a	910.4.1.1 Choose	1112.4.1.1 Choose
teacher or	teacher or	teacher or	presentation	presentation	presentation	presentation	presentation	presentation	a presentation	a presentation
librarian selected	librarian selected	librarian selected	method from	method from	method based on	method based on	method based on	method based on	method based on	method based on
method to	method to	method to	teacher or	teacher or	appropriateness	appropriateness	appropriateness	appropriateness	appropriateness	appropriateness
communicate	communicate	communicate	librarian choices.	librarian choices.	and personal	and personal	and personal	and personal	and personal	and personal
information.	information.	information.			preference.	preference.	preference.	preference.	preference.	preference.
			3.4.1.2 Begin to	4.4.1.2 Begin to	5.4.1.2 Identify	6.4.1.2 Identify	7.4.1.2 Identify	8.4.1.2 Identify	910.4.1.2 Identify	1112.4.1.2
			identify the	identify the	the strengths and	the strengths and	the strengths and	the strengths and	the strengths and	Identify the
			strengths and	strengths and	weaknesses of	weaknesses of	weaknesses of	weaknesses of	weaknesses of	strengths and
			weaknesses of	weaknesses of	presentation	presentation	presentation	presentation	presentation	weaknesses of
			presentation	presentation	methods.	methods.	methods.	methods.	methods.	presentation
			methods.	methods.						methods.

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Develop information into knowledge for presentation –

4.2 Analyze and synthesize collected information, working in groups or individually.

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/ Twelfth
K.4.2.1 Draw	1.4.2.1 Draw	2.4.2.1	3.4.2.1	4.4.2.1 Evaluate	5.4.2.1 Evaluate	6.4.2.1 Analyze	7.4.2.1 Analyze	8.4.2.1 Analyze	910.4.2.1	1112.4.2.1
conclusions from	conclusions from	Summarize and	Summarize and	information and	and analyze	and synthesize	and synthesize	and synthesize	Analyze,	Analyze,
information to	information to	draw conclusions	draw conclusions	draw conclusions	information to	information to	information to	information to	synthesize, and	synthesize, and
answer search	answer search	from information	from information	to develop	draw conclusions	draw conclusions	make inferences	make inferences	reflect on	reflect on
question.	question.	to develop	to develop	product.	for product	for product	and draw	and draw	information	information
		product.	product.		development.	development.	conclusions for	conclusions for	gathered to	gathered to
							product	product	conceptualize	conceptualize
							development.	development.	product.	product.
		2.4.2.2 Plan	3.4.2.2 Plan	4.4.2.2 Plan	5.4.2.2 Plan	6.4.2.2 Plan	7.4.2.2 Plan	8.4.2.2 Plan	910.4.2.2 Plan	1112.4.2.2 Plan
		product by								
		sequencing facts	sequencing facts	integrating facts	integrating facts	integrating facts	integrating facts	integrating facts	integrating facts	integrating facts
		and ideas using an								
		appropriate								
		organizer (e.g.,								
		webbing).	webbing).	outlining,						
				webbing).	webbing).	storyboarding,	storyboarding,	storyboarding,	storyboarding,	storyboarding,
						webbing).	webbing).	webbing).	webbing).	webbing).

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Develop information into knowledge for presentation –

4.3 Communicate information and ideas using a variety of formats and media, working in groups or individually.

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/ Twelfth
K.4.3.1 Convey	1.4.3.1 Convey	2.4.3.1 Convey	3.4.3.1 Use the	4.4.3.1 Use the	5.4.3.1 Use the	6.4.3.1 Use the	7.4.3.1 Use the	8.4.3.1 Use the	910.4.3.1 Use the	1112.4.3.1 Use the
information by	information	information	writing process,	writing process,	writing process;					
sharing ideas and	findings orally,	findings orally,	oral, or visual	oral, or visual	media, oral, and					
experiences.	visually or in	visually or in	techniques to	techniques to	visual techniques;					
	writing with	writing with	create products	create products	and technology					
	teacher and/or	teacher and/or	that express	that express	skills to create					
	librarian	librarian	learning about a	learning about a	products that					
	assistance.	assistance.	topic.	topic.	express new					
					understandings	understandings	understandings	understandings	understandings	understandings
					about a topic.					
			3.4.3.2 Show	4.4.3.2 Show	5.4.3.2 Show	6.4.3.2 Show	7.4.3.2 Show	8.4.3.2	910.4.3.2	1112.4.3.2
			respect for	respect for	respect for	respect for	respect for	Demonstrate	Demonstrate	Demonstrate
			creators by listing	creators by listing	intellectual	intellectual	intellectual	understanding of	understanding of	understanding of
			facts about	facts about	property rights of	property rights of	property rights of	and respect for	and respect for	and respect for
			sources used with	sources used with	creators by	creators by	creators by	copyright laws	copyright laws	copyright laws
			librarian/teacher	librarian/teacher	creating	creating	creating	and intellectual	and intellectual	and intellectual
			guidance (e.g.,	guidance (e.g.,	bibliographies of	bibliographies of	bibliographies of	property rights by	property rights by	property rights by
			author's name,	author's name,	sources used.	sources used.	sources used.	using standard	using standard	using standard
			title).	title, copyright				bibliographic	bibliographic	bibliographic
				date).				format to list	format to list	format to list
								sources and	sources and	sources and
								including	including	including
								quotations and in-	quotations and in-	quotations and in-
								text citations	text citations	text citations
								when appropriate.	when appropriate.	when appropriate.
			3.4.3.3 Revise and	4.4.3.3 Revise and	5.4.3.3 Revise and	6.4.3.3 Revise and	7.4.3.3 Revise and	8.4.3.3 Revise and	910.4.3.3 Revise	1112.4.3.3 Revise
			edit the	edit the	edit the	edit the	edit the	edit the	and edit the	and edit the
			information	information	information	information	information	information	information	information
			product as needed.	product as needed.	product as needed.	product as needed.	product as needed.	product as needed.	product as needed.	product as needed.

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