

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

**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 conclusions from information to answer search question.	1.4.2.1 Draw conclusions from information to answer search question.	2.4.2.1 Summarize and draw conclusions from information to develop product.	3.4.2.1 Summarize and draw conclusions from information to develop product.	4.4.2.1 Evaluate information and draw conclusions to develop product.	5.4.2.1 Evaluate and analyze information to draw conclusions for product development.	6.4.2.1 Analyze and synthesize information to draw conclusions for product development.	7.4.2.1 Analyze and synthesize information to make inferences and draw conclusions for product development.	8.4.2.1 Analyze and synthesize information to make inferences and draw conclusions for product development.	910.4.2.1 Analyze, synthesize, and reflect on information gathered to conceptualize product.	1112.4.2.1 Analyze, synthesize, and reflect on information gathered to conceptualize product.
		2.4.2.2 Plan product by sequencing facts and ideas using an appropriate organizer (<i>e.g.</i> , webbing).	3.4.2.2 Plan product by sequencing facts and ideas using an appropriate organizer (<i>e.g.</i> , webbing).	4.4.2.2 Plan product by integrating facts and ideas using an appropriate organizer (<i>e.g.</i> , outlining, webbing).	5.4.2.2 Plan product by integrating facts and ideas using an appropriate organizer (<i>e.g.</i> , outlining, webbing).	6.4.2.2 Plan product by integrating facts and ideas using an appropriate organizer (<i>e.g.</i> , outlining, storyboarding, webbing).	7.4.2.2 Plan product by integrating facts and ideas using an appropriate organizer (<i>e.g.</i> , outlining, storyboarding, webbing).	8.4.2.2 Plan product by integrating facts and ideas using an appropriate organizer (<i>e.g.</i> , outlining, storyboarding, webbing).	910.4.2.2 Plan product by integrating facts and ideas using an appropriate organizer (<i>e.g.</i> , outlining, storyboarding, webbing).	1112.4.2.2 Plan product by integrating facts and ideas using an appropriate organizer (<i>e.g.</i> , outlining, storyboarding, webbing).

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