

FINDS: Research Process Model Eighth Grade

FINDS Components	FINDS Indicators	<i>AASL Standards for the 21st-Century Learner</i>	Language Arts Florida Standards
The student will:			
Focus on the information need			
8.1.1 Identify area of inquiry, working in groups or individually.	8.1.1.1 Activate prior and background knowledge to select topic when appropriate, collaborating with others if working in group.	<ul style="list-style-type: none"> • 1.1.2 Use prior and background knowledge as context for new learning. • 1.1.9 Collaborate with others to broaden and deepen understanding. 	<ul style="list-style-type: none"> • LAFS.8.W.3.8 Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation. • LAFS.68.WHST.3.8 Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation.
	8.1.1.2 Narrow or broaden topic.	<ul style="list-style-type: none"> • 1.1.9 Collaborate with others to broaden and deepen understanding. 	<ul style="list-style-type: none"> • LAFS.8.W.1.2 Introduce a topic clearly, previewing what is to follow; organize ideas, concepts, and information into broader categories; include formatting (e.g., headings), graphics (e.g., charts, tables), and multimedia when useful to aiding comprehension. (a) • LAFS.68.WHST.1.2 Introduce a topic clearly, previewing what is to follow; organize ideas, concepts, and information into broader categories as appropriate to achieving purpose; include formatting (e.g., headings), graphics (e.g., charts, tables), and multimedia when useful to aiding comprehension. (a)
	8.1.1.3 Generate presearch questions through brainstorming and use of graphic organizers.	<ul style="list-style-type: none"> • 1.1.3 Develop and refine a range of questions to frame the search for new understanding. • 1.2.1 Display initiative and engagement by posing questions and investigating the answers beyond the collection of superficial facts. 	<ul style="list-style-type: none"> • LAFS.8.SL.1.1 Pose questions that connect the ideas of several speakers and respond to others' questions and comments with relevant evidence, observations, and ideas. (c) • LAFS.8.W.2.5 With some guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on how well purpose and audience have been addressed. • LAFS.68.WHST.2.5 With some guidance and support from peers and adults, develop and strengthen writing as

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			<p>needed by planning, revising, editing, rewriting, or trying a new approach, focusing on how well purpose and audience have been addressed.</p> <ul style="list-style-type: none"> • LAFS.8.W.3.7 Conduct short research projects to answer a question (including a self-generated question), drawing on several sources and generating additional related, focused questions that allow for multiple avenues of exploration. • LAFS.68.WHST.3.7 Conduct short research projects to answer a question (including a self-generated question), drawing on several sources and generating additional related, focused questions that allow for multiple avenues of exploration.
	<p>8.1.1.4 Define search terms (e.g., Boolean search operators, alternate terms, keywords).</p>	<ul style="list-style-type: none"> • 1.1.8 Demonstrate mastery of technology tools for accessing information and pursuing inquiry. 	<ul style="list-style-type: none"> • LAFS.8.L.3.6 Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases; gather vocabulary knowledge when considering a word or phrase important to comprehension or expression. • LAFS.8.RI.2.4 Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the impact of specific word choices on meaning and tone, including analogies or allusions to other texts. • LAFS.68.RH.2.4 Determine the meaning of words and phrases as they are used in a text, including vocabulary specific to domains related to history/social studies. • LAFS.68.RST.2.4 Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 6–8 texts and topics. • LAFS.8.W.1.2 Use precise language and domain-specific vocabulary to inform about or explain the topic. (d) • LAFS.68.WHST.1.2 Use precise language and domain-specific vocabulary to inform about or explain the topic. (d) • LAFS.8.W.3.8 Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions

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			<p>of others while avoiding plagiarism and following a standard format for citation.</p> <ul style="list-style-type: none"> • LAFS.68.WHST.3.8 Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation.
	8.1.1.5 Formulate a thesis or statement of purpose.	<ul style="list-style-type: none"> • 1.2.5 Demonstrate adaptability by changing the inquiry focus, questions, resources, or strategies when necessary to achieve success. 	<ul style="list-style-type: none"> • LAFS.8.SL.1.1 Pose questions that connect the ideas of several speakers and respond to others' questions and comments with relevant evidence, observations, and ideas. (c) • LAFS.8.W.2.4 Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. • LAFS.68.WHST.2.4 Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.
8.1.2 Decide how much information is needed, working in groups or individually.	8.1.2.1 Recognize need for multiple information sources.	<ul style="list-style-type: none"> • 1.2.3 Demonstrate creativity by using multiple resources and formats. 	<ul style="list-style-type: none"> • LAFS.8.RI.3.7 Evaluate the advantages and disadvantages of using different mediums (e.g., print or digital text, video, multimedia) to present a particular topic or idea. • LAFS.68.RH.3.7 Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and digital texts. • LAFS.68.RST.3.7 Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table). • LAFS.8.SL.1.1 Come to discussions prepared, having read or researched material under study; explicitly draw on that preparation by referring to evidence on the topic, text, or issue to probe and reflect on ideas under discussion. (a) • LAFS.8.W.3.8 Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation.

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			<ul style="list-style-type: none"> • LAFS.68.WHST.3.8 Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation.
	8.1.2.2 Identify potential information sources.	<ul style="list-style-type: none"> • 1.1.4 Find, evaluate, and select appropriate sources to answer questions. 	<ul style="list-style-type: none"> • LAFS.8.SL.1.1 Come to discussions prepared, having read or researched material under study; explicitly draw on that preparation by referring to evidence on the topic, text, or issue to probe and reflect on ideas under discussion. (a) • LAFS.8.W.3.7 Conduct short research projects to answer a question (including a self-generated question), drawing on several sources and generating additional related, focused questions that allow for multiple avenues of exploration. • LAFS.68.WHST.3.7 Conduct short research projects to answer a question (including a self-generated question), drawing on several sources and generating additional related, focused questions that allow for multiple avenues of exploration. • LAFS.8.W.3.8 Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation. • LAFS.68.WHST.3.8 Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation.
8.1.3 Develop a search action plan and timeline, working in groups or individually.	8.1.3.1 Work individually or in cooperative group to develop a search action plan with timeline which lists: <ul style="list-style-type: none"> • topic and subtopics; 	<ul style="list-style-type: none"> • 1.1.1 Follow an inquiry-based process in seeking knowledge in curricular subjects, and make the real-world connection for using this process in own life. • 1.1.3 Develop and refine a range of questions to frame the search for new understanding. • 1.1.4 Find, evaluate, and select appropriate 	<ul style="list-style-type: none"> • LAFS.8.SL.1.1 Follow rules for collegial discussions and decision-making, track progress toward specific goals and deadlines, and define individual roles as needed. (b) • LAFS.8.W.2.5 With some guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or

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	<ul style="list-style-type: none"> • keywords and alternate terms; • presearch questions; • thesis or statement of purpose; • possible information sources; • people to provide assistance with research (e.g., teacher, subject specialists, school and/or public librarian); and • due dates for project. 	<p>sources to answer questions.</p> <ul style="list-style-type: none"> • 1.1.9 Collaborate with others to broaden and deepen understanding. • 1.2.5 Demonstrate adaptability by changing the inquiry focus, questions, resources, or strategies when necessary to achieve success. • 1.3.4 Contribute to the exchange of ideas within the learning community. • 1.4.2 Use interaction with and feedback from teachers and peers to guide own inquiry process. • 1.4.4 Seek appropriate help when it is needed. • 2.1.5 Collaborate with others to exchange ideas, develop new understandings, make decisions, and solve problems. 	<p>trying a new approach, focusing on how well purpose and audience have been addressed.</p> <ul style="list-style-type: none"> • LAFS.68.WHST.2.5 With some guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on how well purpose and audience have been addressed. • LAFS.8.W.3.7 Conduct short research projects to answer a question (including a self-generated question), drawing on several sources and generating additional related, focused questions that allow for multiple avenues of exploration. • LAFS.68.WHST.3.7 Conduct short research projects to answer a question (including a self-generated question), drawing on several sources and generating additional related, focused questions that allow for multiple avenues of exploration. • LAFS.8.W.3.8 Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation. • LAFS.68.WHST.3.8 Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation.
	8.1.3.2 Understand online navigation procedures (e.g., toolbar, links, favorites or bookmarks).	<ul style="list-style-type: none"> • 1.1.8 Demonstrate mastery of technology tools for accessing information and pursuing inquiry. 	<ul style="list-style-type: none"> • LAFS.8.RI.3.7 Evaluate the advantages and disadvantages of using different mediums (e.g., print or digital text, video, multimedia) to present a particular topic or idea. • LAFS.68.RH.3.7 Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and digital texts. • LAFS.68.RST.3.7 Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table).

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	8.1.3.3 Sequence the steps in the research process.	<ul style="list-style-type: none"> • 1.1.1 Follow an inquiry-based process in seeking knowledge in curricular subjects, and make the real-world connection for using this process in own life. 	<ul style="list-style-type: none"> • LAFS.68.RH.1.3 Identify key steps in a text’s description of a process related to history/social studies (e.g., how a bill becomes law, how interest rates are raised or lowered). • LAFS.68.RST.1.3 Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks. • LAFS.8.SL.2.4 Present claims and findings, emphasizing salient points in a focused, coherent manner with relevant evidence, sound valid reasoning, and well-chosen details; use appropriate eye contact, adequate volume, and clear pronunciation.

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Investigate resources to search for answers			
8.2.1 Locate print and digital, working in groups or individually.	8.2.1.1 Retrieve fiction, nonfiction, and reference books from shelves using call numbers.	<ul style="list-style-type: none"> • 1.1.8 Demonstrate mastery of technology tools for accessing information and pursuing inquiry. 	<ul style="list-style-type: none"> • LAFS.8.L.3.4 Consult general and specialized reference materials (e.g., dictionaries, glossaries, thesauruses), both print and digital, to find the pronunciation of a word or determine or clarify its precise meaning or its part of speech. (c) • LAFS.8.RI.4.10 By the end of the year, read and comprehend literary nonfiction at the high end of the grades 6–8 text complexity band independently and proficiently.
	8.2.1.2 Use advanced search strategies to locate resources using an online public access catalog (OPAC) in the local school, district, and public libraries.	<ul style="list-style-type: none"> • 1.1.4 Find, evaluate, and select appropriate sources to answer questions. 	
	8.2.1.3 Identify appropriate resources to answer a personal or academic information need from various locations (e.g., school/public library or book store).	<ul style="list-style-type: none"> • 1.1.9 Collaborate with others to broaden and deepen understanding. • 1.2.2 Demonstrate confidence and self-direction by making independent choices in the selection of resources and information. 	<ul style="list-style-type: none"> • LAFS.68.RST.4.10 By the end of grade 8, read and comprehend science/technical texts in the grades 6–8 text complexity band independently and proficiently. • LAFS.8.W.3.8 Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation. • LAFS.68.WHST.3.8 Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation.
	8.2.1.4 Use subscription-based online sources (e.g., periodical and reference databases) and selected Internet sites to locate information.	<ul style="list-style-type: none"> • 1.1.8 Demonstrate mastery of technology tools for accessing information and pursuing inquiry. 	
8.2.2 Apply evaluative criteria to select the best resources to answer the search question, working in groups or individually.	8.2.2.1 Understand that the information need determines the resources selected (e.g., encyclopedia, almanac, nonfiction, newspaper, magazine, Internet source).	<ul style="list-style-type: none"> • 1.1.5 Evaluate information found in selected sources on the basis of accuracy, validity, appropriateness for needs, importance, and social and cultural context. 	<ul style="list-style-type: none"> • LAFS.8.L.3.4 Consult general and specialized reference materials (e.g., dictionaries, glossaries, thesauruses), both print and digital, to find the pronunciation of a word or determine or clarify its precise meaning or its part of speech. (c) • LAFS.8.RI.2.4 Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the impact of
	8.2.2.2 Apply predetermined	<ul style="list-style-type: none"> • 1.1.4 Find, evaluate, and select appropriate 	

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	evaluative criteria for selecting resources (e.g., relevance, currency, authority, readability) with guidance as needed.	sources to answer questions. <ul style="list-style-type: none"> • 1.1.5 Evaluate information found in selected sources on the basis of accuracy, validity, appropriateness for needs, importance, and social and cultural context. • 1.2.2 Demonstrate confidence and self-direction by making independent choices in the selection of resources and information. • 1.2.4 Maintain a critical stance by questioning the validity and accuracy of all information. 	specific word choices on meaning and tone, including analogies or allusions to other texts. <ul style="list-style-type: none"> • LAFS.68.RH.2.4 Determine the meaning of words and phrases as they are used in a text, including vocabulary specific to domains related to history/social studies. • LAFS.68.RST.2.4 Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 6–8 texts and topics. • LAFS.8.RI.3.7 Evaluate the advantages and disadvantages of using different mediums (e.g., print or digital text, video, multimedia) to present a particular topic or idea. • LAFS.68.RH.3.7 Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and digital texts. • LAFS.68.RST.3.7 Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table). • LAFS.8.RI.3.8 Delineate and evaluate the argument and specific claims in a text, assessing whether the reasoning is sound and the evidence is relevant and sufficient; recognize when irrelevant evidence is introduced. • LAFS.68.RH.3.8 Distinguish among fact, opinion, and reasoned judgment in a text. • LAFS.68.RST.3.8 Distinguish among facts, reasoned judgment based on research findings, and speculation in a text.
	8.2.2.3 Identify and use primary sources (e.g., letters, autobiographies, photographs) and secondary sources (e.g., textbooks, biographies, encyclopedias).	<ul style="list-style-type: none"> • 1.1.6 Read, view, and listen for information presented in any format (e.g., textual, visual, media, digital) in order to make inferences and gather meaning. • 1.1.7 Make sense of information gathered from diverse sources by identifying misconceptions, main and supporting ideas, conflicting information, and point of view or bias. 	<ul style="list-style-type: none"> • LAFS.8.RI.2.6 Determine an author’s point of view or purpose in a text and analyze how the author acknowledges and responds to conflicting evidence or viewpoints. • LAFS.68.RH.1.1 Cite specific textual evidence to support analysis of primary and secondary sources. • LAFS.68.RH.3.9 Analyze the relationship between a primary and secondary source on the same topic.
	8.2.2.4 Select a variety of information sources representing a range of viewpoints and formats.	<ul style="list-style-type: none"> • 1.2.3 Demonstrate creativity by using multiple resources and formats. • 1.3.2 Seek divergent perspectives during information gathering and assessment. 	<ul style="list-style-type: none"> • LAFS.8.RI.3.7 Evaluate the advantages and disadvantages of using different mediums (e.g., print or digital text, video, multimedia) to present a particular topic or idea. • LAFS.68.RH.3.7 Integrate visual information (e.g., in

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		<ul style="list-style-type: none"> • 3.3.2 Respect the differing interests and experiences of others, and seek a variety of viewpoints. 	<p>charts, graphs, photographs, videos, or maps) with other information in print and digital texts.</p> <ul style="list-style-type: none"> • LAFS.68.RST.3.7 Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table). • LAFS.8.SL.1.2 Analyze the purpose of information presented in diverse media and formats (e.g., visually, quantitatively, orally) and evaluate the motives (e.g., social, commercial, political) behind its presentation. • LAFS.8.W.3.8 Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation. • LAFS.68.WHST.3.8 Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation.
<p>8.2.3 Demonstrate an understanding of how information is organized and located, working in groups or individually.</p>	<p>8.2.3.1 Recognize that reference information is organized in specific formats (e.g., subject-specific dictionaries, encyclopedias, almanacs, atlases, biographical sources).</p> <p>8.2.3.2 Understand that resources may be organized according to type or format alphabetically, numerically, topically, chronologically, or graphically.</p> <p>8.2.3.3 Use headings, captions, keywords, glossaries, tables of contents, and indexes.</p> <p>8.2.3.4 Understand and use the organizational structure of the</p>	<ul style="list-style-type: none"> • 1.2.3 Demonstrate creativity by using multiple resources and formats. • 2.2.1 Demonstrate flexibility in the use of resources by adapting information strategies to each specific resource and by seeking additional resources when clear conclusions cannot be drawn. • 4.3.2 Recognize that resources are created for a variety of purposes. 	<ul style="list-style-type: none"> • LAFS.8.L.3.4 Consult general and specialized reference materials (e.g., dictionaries, glossaries, thesauruses), both print and digital, to find the pronunciation of a word or determine or clarify its precise meaning or its part of speech. (c) • LAFS.8.L.3.6 Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases; gather vocabulary knowledge when considering a word or phrase important to comprehension or expression. • LAFS.68.RH.2.5 Describe how a text presents information (e.g., sequentially, comparatively, causally).

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	library (e.g., Dewey Decimal System).		
8.2.4 Exhibit responsible care and use of materials, e-resources, equipment, and facilities, working in groups or individually.	8.2.4.1 Follow procedures for circulation and timely return of materials.	<ul style="list-style-type: none"> • 1.3.3 Follow ethical and legal guidelines in gathering and using information. • 1.3.5 Use information technology responsibly. • 2.3.3 Use valid information and reasoned conclusions to make ethical decisions. • 3.1.6 Use information and technology ethically and responsibly. • 4.3.4 Practice safe and ethical behaviors in personal electronic communication and interaction. 	<ul style="list-style-type: none"> • LAFS.8.SL.1.1 Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 8 topics, texts, and issues, building on others' ideas and expressing their own clearly. (abcd)
	8.2.4.2 Exhibit responsible care in the use of materials, equipment, and facilities.		
	8.2.4.3 Follow guidelines and etiquette in the use of electronic information sources.		
	8.2.4.4 Demonstrate responsible use of Internet and other e-resources consistent with the school's Acceptable Use Policy.		

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Note and evaluate facts			
8.3.1 Read, evaluate, and select information to answer search need, working in groups or individually.	8.3.1.1 Use literacy skills and content knowledge to select and analyze relevant details and concepts from a text or oral presentation to answer a search question.	<ul style="list-style-type: none"> • 1.1.5 Evaluate information found in selected sources on the basis of accuracy, validity, appropriateness for needs, importance, and social and cultural context. • 1.1.6 Read, view, and listen for information presented in any format (e.g., textual, visual, media, digital) in order to make inferences and gather meaning. • 1.1.7 Make sense of information gathered from diverse sources by identifying misconceptions, main and supporting ideas, conflicting information, and point of view or bias. 	<ul style="list-style-type: none"> • LAFS.8.RI.1.1 Cite the textual evidence that most strongly supports an analysis of what the text says explicitly as well as inferences drawn from the text. . • LAFS.68.RH.1.1 Cite specific textual evidence to support analysis of primary and secondary sources. • LAFS.68.RST.1.1 Cite specific textual evidence to support analysis of science and technical texts. • LAFS.8.RI.1.2 Determine a central idea of a text and analyze its development over the course of the text, including its relationship to supporting ideas; provide an objective summary of the text. • LAFS.68.RH.1.2 Determine the central ideas or information of a primary or secondary source; provide an accurate summary of the source distinct from prior knowledge or opinions. • LAFS.68.RST.1.2 Determine the central ideas or conclusions of a text; provide an accurate summary of the text distinct from prior knowledge or opinions. • LAFS.8.RI.1.3 Analyze how a text makes connections among and distinctions between individuals, ideas, or events (e.g., through comparisons, analogies, or categories). • LAFS.8.SL.1.2 Analyze the purpose of information presented in diverse media and formats (e.g., visually, quantitatively, orally) and evaluate the motives (e.g., social, commercial, political) behind its presentation. • LAFS.8.SL.1.3 Delineate a speaker’s argument and specific claims, evaluating the soundness of the reasoning and relevance and sufficiency of the evidence and identifying when irrelevant evidence is introduced.
	8.3.1.2 Draw evidence from graphs, charts, tables, diagrams, maps, schedules, illustrations, photographs, and other visuals to answer search questions.		<ul style="list-style-type: none"> • LAFS.8.RI.3.7 Evaluate the advantages and disadvantages of using different mediums (e.g., print or digital text, video, multimedia) to present a particular topic or idea. • LAFS.68.RH.3.7 Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and digital texts. • LAFS.68.RST.3.7 Integrate quantitative or technical information expressed in words in a text with a version

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The student will:			
Note and evaluate facts			
	8.3.1.3 Evaluate information gathered to answer the search question by comparing topic coverage in multiple sources, noting point of view (e.g., bias, propaganda).	<ul style="list-style-type: none"> • 1.1.5 Evaluate information found in selected sources on the basis of accuracy, validity, appropriateness for needs, importance, and social and cultural context. • 1.1.7 Make sense of information gathered from diverse sources by identifying misconceptions, main and supporting ideas, conflicting information, and point of view or bias. • 1.2.2 Demonstrate confidence and self-direction by making independent choices in the selection of resources and information. • 1.4.3 Monitor gathered information, and assess for gaps or weaknesses. 	<p>of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table).</p> <ul style="list-style-type: none"> • LAFS.8.SL.1.2 Analyze the purpose of information presented in diverse media and formats (e.g., visually, quantitatively, orally) and evaluate the motives (e.g., social, commercial, political) behind its presentation. • LAFS.8.RI.3.9 Analyze a case in which two or more texts provide conflicting information on the same topic and identify where the texts disagree on matters of fact or interpretation. • LAFS.68.RH.3.9 Analyze the relationship between a primary and secondary source on the same topic. • LAFS.68.RST.3.9 Compare and contrast the information gained from experiments, simulations, video, or multimedia sources with that gained from reading a text on the same topic. • LAFS.8.SL.1.2 Analyze the purpose of information presented in diverse media and formats (e.g., visually, quantitatively, orally) and evaluate the motives (e.g., social, commercial, political) behind its presentation. • LAFS.8.SL.1.3 Delineate a speaker’s argument and specific claims, evaluating the soundness of the reasoning and relevance and sufficiency of the evidence and identifying when irrelevant evidence is introduced. • LAFS.8.W.3.8 Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation. • LAFS.68.WHST.3.8 Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation. • LAFS.8.W.3.9 Draw evidence from literary or informational texts to support analysis, reflection, and research. (ab) • LAFS.68.WHST.3.9 Draw evidence from informational

FINDS Components	FINDS Indicators	AASL Standards for the 21st-Century Learner	Language Arts Florida Standards
The student will:			
Note and evaluate facts			
			texts to support analysis reflection, and research.
8.3.2 Take notes and record data required for citations, working in groups or individually.	8.3.2.1 Compile notes using strategies such as Power Notes, graphic organizers, or note cards.		<ul style="list-style-type: none"> • LAFS.8.RI.1.1 Cite the textual evidence that most strongly supports an analysis of what the text says explicitly as well as inferences drawn from the text. • LAFS.68.RH.1.1 Cite specific textual evidence to support analysis of primary and secondary sources. • LAFS.68.RST.1.1 Cite specific textual evidence to support analysis of science and technical texts.
	8.3.2.2 Recognize intellectual property rights.	<ul style="list-style-type: none"> • 1.2.3 Demonstrate creativity by using multiple resources and formats. • 2.2.1 Demonstrate flexibility in the use of resources by adapting information strategies to each specific resource and by seeking additional resources when clear conclusions cannot be drawn. • 4.3.2 Recognize that resources are created for a variety of purposes. 	<ul style="list-style-type: none"> • LAFS.8.RI.1.2 Determine a central idea of a text and analyze its development over the course of the text, including its relationship to supporting ideas; provide an objective summary of the text. • LAFS.68.RH.1.2 Determine the central ideas or information of a primary or secondary source; provide an accurate summary of the source distinct from prior knowledge or opinions. • LAFS.68.RST.1.2 Determine the central ideas or conclusions of a text; provide an accurate summary of the text distinct from prior knowledge or opinions. • LAFS.8.SL.1.1 Acknowledge new information expressed by others and, when warranted, qualify or justify their own views in light of the evidence presented. (d) • LAFS.8.W.3.8 Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation. • LAFS.68.WHST.3.8 Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation.
	8.3.2.3 Record sources of materials used (e.g., author, title, place of publication, publisher, date of publication, URL, or date of download).		
	8.3.2.4 Observe ethical practices including paraphrasing and the selective use of quotations (e.g., avoids plagiarism).		
8.3.3 Analyze information gathered and compare with research need,	8.3.3.1 Sequence information alphabetically, numerically, categorically, or chronologically,	<ul style="list-style-type: none"> • 1.3.3 Follow ethical and legal guidelines in gathering and using information. • 1.3.5 Use information technology responsibly. • 2.3.3 Use valid information and reasoned conclusions to make ethical decisions. 	<ul style="list-style-type: none"> • LAFS.8.RI.1.2 Determine a central idea of a text and analyze its development over the course of the text, including its relationship to supporting ideas; provide an objective summary of the text. • LAFS.68.RH.1.2 Determine the central ideas or

FINDS Components	FINDS Indicators	AASL Standards for the 21st-Century Learner	Language Arts Florida Standards
The student will:			
Note and evaluate facts			
working in groups or individually.	as appropriate.	<ul style="list-style-type: none"> • 3.1.6 Use information and technology ethically and responsibly. • 4.3.4 Practice safe and ethical behaviors in personal electronic communication and interaction. 	<p>information of a primary or secondary source; provide an accurate summary of the source distinct from prior knowledge or opinions.</p> <ul style="list-style-type: none"> • LAFS.68.RST.1.2 Determine the central ideas or conclusions of a text; provide an accurate summary of the text distinct from prior knowledge or opinions. • LAFS.8.RI.3.7 Evaluate the advantages and disadvantages of using different mediums (e.g., print or digital text, video, multimedia) to present a particular topic or idea. • LAFS.68.RH.3.7 Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and digital texts. • LAFS.68.RST.3.7 Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table). • LAFS.8.RI.3.9 Analyze a case in which two or more texts provide conflicting information on the same topic and identify where the texts disagree on matters of fact or interpretation. • LAFS.68.RH.3.9 Analyze the relationship between a primary and secondary source on the same topic. • LAFS.68.RST.3.9 Compare and contrast the information gained from experiments, simulations, video, or multimedia sources with that gained from reading a text on the same topic. • LAFS.8.SL.1.1 Acknowledge new information expressed by others and, when warranted, qualify or justify their own views in light of the evidence presented. (d) • LAFS.8.SL.1.2 Analyze the purpose of information presented in diverse media and formats (e.g., visually, quantitatively, orally) and evaluate the motives (e.g., social, commercial, political) behind its presentation. • LAFS.8.W.2.5 With some guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on how well purpose and audience have been addressed.
	8.3.3.2 Review notes and/or information for clarity, coherence, and completeness.	<ul style="list-style-type: none"> • 1.1.8 Demonstrate mastery of technology tools for accessing information and pursuing inquiry. 	
	8.3.3.3 Revise and/or add new questions based on information gathered.	<ul style="list-style-type: none"> • 1.1.4 Find, evaluate, and select appropriate sources to answer questions. 	
	8.3.3.4 Search for additional information, if needed.	<ul style="list-style-type: none"> • 1.1.9 Collaborate with others to broaden and deepen understanding. • 1.2.2 Demonstrate confidence and self-direction by making independent choices in the selection of resources and information. 	

FINDS Components	FINDS Indicators	<i>AASL Standards for the 21st-Century Learner</i>	Language Arts Florida Standards
	The student will:		
Note and evaluate facts			
			<ul style="list-style-type: none"> • LAFS.68.WHST.2.5 With some guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on how well purpose and audience have been addressed. • LAFS.8.W.3.7 Conduct short research projects to answer a question (including a self-generated question), drawing on several sources and generating additional related, focused questions that allow for multiple avenues of exploration. • LAFS.68.WHST.3.7 Conduct short research projects to answer a question (including a self-generated question), drawing on several sources and generating additional related, focused questions that allow for multiple avenues of exploration. • LAFS.8.W.3.9 Draw evidence from literary or informational texts to support analysis, reflection, and research. (ab) • LAFS.68.WHST.3.9 Draw evidence from informational texts to support analysis reflection, and research.

FINDS Components	FINDS Indicators	AASL Standards for the 21st-Century Learner	Language Arts Florida Standards
The student will:			
Develop information into knowledge for presentation			
8.4.1 Select a presentation format appropriate for the topic, audience, and purpose, working in groups or individually.	8.4.1.1 Choose a presentation method based on appropriateness and personal preference.	<ul style="list-style-type: none"> • 4.1.7 Use social networks and information tools to gather and share information. • 4.1.8 Use creative and artistic formats to express personal learning. 	<ul style="list-style-type: none"> • LAFS.8.RI.3.7 Evaluate the advantages and disadvantages of using different mediums (e.g., print or digital text, video, multimedia) to present a particular topic or idea. • LAFS.8.RI.3.7 Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and digital texts. • LAFS.8.SL.2.5 Integrate multimedia and visual displays into presentations to clarify information, strengthen claims and evidence, and add interest. • LAFS.8.W.2.6 Use technology, including the Internet, to produce and publish writing and present the relationships between information and ideas efficiently as well as to interact and collaborate with others. • LAFS.68.WHST.2.6 Use technology, including the Internet, to produce and publish writing and present the relationships between information and ideas clearly and efficiently.
	8.4.1.2 Identify the strengths and weaknesses of presentation methods.		
8.4.2 Analyze and synthesize collected information, working in groups or individually.	8.4.2.1 Analyze and synthesize information to draw conclusions for product development.	<ul style="list-style-type: none"> • 2.1.1 Continue an inquiry-based research process by applying critical-thinking skills (analysis, synthesis, evaluation, organization) to information and knowledge in order to construct new understandings, draw conclusions, and create new knowledge. • 2.1.5 Collaborate with others to exchange ideas, develop new understandings, make decisions, and solve problems. • 2.2.2 Use both divergent and convergent thinking to formulate alternative conclusions and test them against the evidence. • 2.2.3 Employ a critical stance in drawing conclusions by demonstrating that the pattern of evidence leads to a decision or conclusion. 	<ul style="list-style-type: none"> • LAFS.8.RI.1.1 Cite the textual evidence that most strongly supports an analysis of what the text says explicitly as well as inferences drawn from the text. • LAFS.68.RH.1.1 Cite specific textual evidence to support analysis of primary and secondary sources. • LAFS.68.RST.1.1 Cite specific textual evidence to support analysis of science and technical texts. • LAFS.8.RI.1.2 Determine a central idea of a text and analyze its development over the course of the text, including its relationship to supporting ideas; provide an objective summary of the text. • LAFS.68.RH.1.2 Determine the central ideas or information of a primary or secondary source; provide an accurate summary of the source distinct from prior knowledge or opinions. • LAFS.68.RST.1.2 Determine the central ideas or conclusions of a text; provide an accurate summary of the text distinct from prior knowledge or opinions. • LAFS.8.RI.1.3 Analyze how a text makes connections among and distinctions between individuals, ideas, or events (e.g., through comparisons, analogies, or categories). • LAFS.68.RH.1.3 Identify key steps in a text’s description of a process related to history/social studies (e.g., how a bill
	8.4.2.2 Plan product by integrating facts and ideas using an appropriate organizer (e.g., outlining, storyboarding, webbing).	<ul style="list-style-type: none"> • 2.1.2 Organize knowledge so that it is useful. • 2.1.3 Use strategies to draw conclusions from information and apply knowledge to curricular areas, real-world situations, and further investigations. • 2.1.4 Use technology and other information tools to analyze and organize information. • 2.2.2 Use both divergent and convergent 	

		<p>thinking to formulate alternative conclusions and test them against the evidence.</p>	<p>becomes law, how interest rates are raised or lowered).</p> <ul style="list-style-type: none"> • LAFS.68.RST.1.3 Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks. • LAFS.8.SL.1.1 Acknowledge new information expressed by others and, when warranted, qualify or justify their own views in light of the evidence presented. (d) • LAFS.8.SL.1.2 Analyze the purpose of information presented in diverse media and formats (e.g., visually, quantitatively, orally) and evaluate the motives (e.g., social, commercial, political) behind its presentation. • LAFS.8.SL.1.3 Delineate a speaker’s argument and specific claims, evaluating the soundness of the reasoning and relevance and sufficiency of the evidence and identifying when irrelevant evidence is introduced. • LAFS.8.SL.2.4 Present claims and findings, emphasizing salient points in a focused, coherent manner with relevant evidence, sound valid reasoning, and well-chosen details; use appropriate eye contact, adequate volume, and clear pronunciation. • LAFS.8.SL.2.5 Integrate multimedia and visual displays into presentations to clarify information, strengthen claims and evidence, and add interest. • LAFS.8.W.1.2 Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content. (abcdef) • LAFS.68.WHST.1.2 Write informative/explanatory texts, including the narration of historical events, scientific procedures/ experiments, or technical processes. (abcdef) • LAFS.8.W.2.5 With some guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on how well purpose and audience have been addressed. • LAFS.68.WHST.2.5 With some guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on how well purpose and audience have been addressed. • LAFS.8.W.3.8 Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation. • LAFS.68.WHST.3.8 Gather relevant information from multiple print and digital sources, using search terms
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			<p>effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation.</p> <ul style="list-style-type: none"> • LAFS.8.W.3.9 Draw evidence from literary or informational texts to support analysis, reflection, and research. (ab) • LAFS.68.WHST.3.9 Draw evidence from informational texts to support analysis reflection, and research.
<p>8.4.3 Communicate information and ideas using a variety of formats and media, working in groups or individually.</p>	<p>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.</p>	<ul style="list-style-type: none"> • 1.3.4 Contribute to the exchange of ideas within the learning community. • 2.1.6 Use the writing process, media and visual literacy, and technology skills to create products that express new understandings. • 2.2.4 Demonstrate personal productivity by completing products to express learning. • 3.1.1 Conclude an inquiry-based research process by sharing new understandings and reflecting on the learning. • 3.1.2 Participate and collaborate as members of a social and intellectual network of learners. • 3.1.3 Use writing and speaking skills to communicate new understandings effectively. • 3.1.4 Use technology and other information tools to organize and display knowledge and understanding in ways that others can view, use, and assess. • 3.2.1 Demonstrate leadership and confidence by presenting ideas to others in both formal and informal situations. • 3.3.4 Create products that apply to authentic, real-world contexts. • 3.3.5 Contribute to the exchange of ideas within and beyond the learning community. 	<ul style="list-style-type: none"> • LAFS.8.L.1.1 Demonstrate command of the conventions of standard English grammar and usage when writing or speaking. (abcd) • LAFS.8.L.1.2 Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing. (abc) • LAFS.8.L.2.3 Use knowledge of language and its conventions when writing, speaking, reading, or listening. (a) • LAFS.8.SL.2.4 Present claims and findings, emphasizing salient points in a focused, coherent manner with relevant evidence, sound valid reasoning, and well-chosen details; use appropriate eye contact, adequate volume, and clear pronunciation. • LAFS.8.SL.2.5 Integrate multimedia and visual displays into presentations to clarify information, strengthen claims and evidence, and add interest. • LAFS.8.SL.2.6 Adapt speech to a variety of contexts and tasks, demonstrating command of formal English when indicated or appropriate. • LAFS.8.W.1.1 Write arguments to support claims with clear reasons and relevant evidence. (abcde) • LAFS.68.WHST.1.1 Write arguments focused on <i>discipline-specific content</i>. (abcde) • LAFS.8.W.1.2 Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content. (abcdef) • LAFS.68.WHST.1.2 Write informative/explanatory texts, including the narration of historical events, scientific procedures/ experiments, or technical processes. (abcdef) • LAFS.8.W.2.4 Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. • LAFS.68.WHST.2.4 Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. • LAFS.8.W.2.5 With some guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on how well purpose and audience have

			<p>been addressed.</p> <ul style="list-style-type: none"> • LAFS.68.WHST.2.5 With some guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on how well purpose and audience have been addressed. • LAFS.8.W.2.6 Use technology, including the Internet, to produce and publish writing and present the relationships between information and ideas efficiently as well as to interact and collaborate with others. • LAFS.68.WHST.2.6 Use technology, including the Internet, to produce and publish writing and present the relationships between information and ideas clearly and efficiently. • LAFS.8.W.3.7 Conduct short research projects to answer a question (including a self-generated question), drawing on several sources and generating additional related, focused questions that allow for multiple avenues of exploration. • LAFS.68.WHST.3.7 Conduct short research projects to answer a question (including a self-generated question), drawing on several sources and generating additional related, focused questions that allow for multiple avenues of exploration. • LAFS.8.W.3.8 Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation. • LAFS.68.WHST.3.8 Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation.
	<p>8.4.3.2 Show respect for intellectual property rights of creators by creating bibliographies of sources used.</p>	<ul style="list-style-type: none"> • 1.3.1 Respect copyright/ intellectual property rights of creators and producers. • 1.3.3 Follow ethical and legal guidelines in gathering and using information. • 3.3.7 Respect the principles of intellectual freedom. 	<ul style="list-style-type: none"> • LAFS.8.W.3.8 Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation. • LAFS.68.WHST.3.8 Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation.

	<p>8.4.3.3 Revise and edit the information product as needed.</p>	<ul style="list-style-type: none"> • 1.4.3 Monitor gathered information, and assess for gaps or weaknesses. • 2.1.1 Continue an inquiry-based research process by applying critical-thinking skills (analysis, synthesis, evaluation, organization) to information and knowledge in order to construct new understandings, draw conclusions, and create new knowledge. • 2.2.4 Demonstrate personal productivity by completing products to express learning. • 2.4.2 Reflect on systematic process, and assess for completeness of investigation. 	<ul style="list-style-type: none"> • LAFS.8.W.2.5 With some guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on how well purpose and audience have been addressed. • LAFS.68.WHST.2.5 With some guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on how well purpose and audience have been addressed. • LAFS.8.W.2.6 Use technology, including the Internet, to produce and publish writing and present the relationships between information and ideas efficiently as well as to interact and collaborate with others. • LAFS.68.WHST.2.6 Use technology, including the Internet, to produce and publish writing and present the relationships between information and ideas clearly and efficiently. • LAFS.8.W.4.10 Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences. • LAFS.68.WHST.4.10 Write routinely over extended time frames (time for reflection and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.
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FINDS Components	FINDS Indicators	AASL Standards for the 21st-Century Learner	Language Arts Florida Standards
The student will:			
Score presentation and search			
8.5.1 Apply and develop evaluative criteria for information problem or product, working in groups or individually.	8.5.1.1 Develop and use criteria to evaluate success in answering search question with teacher or librarian assistance.	<ul style="list-style-type: none"> 1.4.3 Monitor gathered information, and assess for gaps or weaknesses. 	<ul style="list-style-type: none"> LAFS.8.W.3.9 Draw evidence from literary or informational texts to support analysis, reflection, and research. (ab) LAFS.68.WHST.3.9 Draw evidence from informational texts to support analysis reflection, and research.
	8.5.1.2 Develop and use criteria to evaluate information product with teacher or librarian guidance.	<ul style="list-style-type: none"> 2.4.3 Recognize new knowledge and understanding. 3.4.2 Assess the quality and effectiveness of the learning product. 4.4.4 Interpret new information based on cultural and social context. 4.4.5 Develop personal criteria for gauging how effectively own ideas are expressed. 	
8.5.2 Reflect on the search process, noting strengths and weaknesses, working in groups or individually.	8.5.2.1 Reflect on search process through oral discussion or writing exercise, identifying strengths and weaknesses.	<ul style="list-style-type: none"> 1.4.1 Monitor own information-seeking processes for effectiveness and progress, and adapt as necessary. 2.4.2 Reflect on systematic process, and assess for completeness of investigation. 2.4.3 Recognize new knowledge and understanding. 3.1.1 Conclude an inquiry-based research process by sharing new understandings and reflecting on the learning. 4.4.2 Recognize the limits of own personal knowledge. 	<ul style="list-style-type: none"> LAFS.8.SL.1.1 Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 8 topics, texts, and issues, building on others' ideas and expressing their own clearly. (abcd) LAFS.8.SL.2.4 Present claims and findings, emphasizing salient points in a focused, coherent manner with relevant evidence, sound valid reasoning, and well-chosen details; use appropriate eye contact, adequate volume, and clear pronunciation. LAFS.8.SL.2.6 Adapt speech to a variety of contexts and tasks, demonstrating command of formal English when indicated or appropriate. LAFS.8.W.3.9 Draw evidence from literary or informational texts to support analysis, reflection, and research. (ab) LAFS.68.WHST.3.9 Draw evidence from informational texts to support analysis reflection, and research. LAFS.8.W.4.10 Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences. LAFS.68.WHST.4.10 Write routinely over extended time frames (time for reflection and revision) and shorter

FINDS Components	FINDS Indicators	AASL Standards for the 21st-Century Learner	Language Arts Florida Standards
	The student will:		
			time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.
8.5.3 Make recommendations for improving and applying process, working in groups or individually.	8.5.3.1 Assess the process used for inquiry-based learning and suggest ways for improvement.	<ul style="list-style-type: none"> • 1.4.2 Use interaction with and feedback from teachers and peers to guide own inquiry process. • 2.3.1 Connect understanding to the real world. • 2.4.4 Develop directions for future investigations. • 3.4.1 Assess the processes by which learning was achieved in order to revise strategies and learn more effectively in the future. 	<ul style="list-style-type: none"> • LAFS.8.SL.1.1 Come to discussions prepared, having read or researched material under study; explicitly draw on that preparation by referring to evidence on the topic, text, or issue to probe and reflect on ideas under discussion. (a) • LAFS.8.SL.2.4 Present claims and findings, emphasizing salient points in a focused, coherent manner with relevant evidence, sound valid reasoning, and well-chosen details; use appropriate eye contact, adequate volume, and clear pronunciation. • LAFS.8.W.4.10 Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences. • LAFS.68.WHST.4.10 Write routinely over extended time frames (time for reflection and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.
	8.5.3.2 Reflect on personal ability to participate in group work (e.g., showing respect for varying viewpoints, contributing to discussion, solving problems).	<ul style="list-style-type: none"> • 3.2.3 Demonstrate teamwork by working productively with others. • 3.3.1 Connect understanding to the real world. • 3.4.3 Assess own ability to work with others in a group setting by evaluating varied roles, leadership, and demonstrations of respect for other viewpoints. 	<ul style="list-style-type: none"> • LAFS.8.SL.1.1 Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 8 topics, texts, and issues, building on others' ideas and expressing their own clearly. (abcd)