LM Standard 1: Define and refine a problem or question to meet a personal or assigned information need as part of an inquiry process

6-8	Grades 9-12
LM 10.01 Follow an inquiry process and connect the process to real life **LM 10.01.a. Identify the inquiry process used in the school** **LM 10.01.b. Explain how the process can be used to solve a personal information need** **LM 10.01.c. Follow the inquiry process used in the school for an assigned information need**	**LM 10.01** Follow an inquiry process and apply the process to real life **LM 10.01.a. Identify an inquiry process to meet an information need** **LM 10.01.b. Apply the process to a personal information need** **LM 10.01.a. Follow an inquiry process for an assigned information need**
LM 10.02 Define and refine an information need **LM 10.02.a. Identify a personal or assigned information need** **LM 10.02.b. With guidance, determine the scope of the information need** **LM 10.02.c. Independently or collaboratively, formulate a variety of questions related to the topic**	**LM 10.02** Define and refine an information need **LM 10.02.a. Identify a personal or assigned information need** **LM 10.02.b. Determine the scope of the information need** **LM 10.02.c. Independently or collaboratively, formulate a variety of researchable questions related to the topic**

LM Standard 2: Locate, evaluate and select information resources and technologies as part of an inquiry process.

6-8	Grades 9-12
LM 20.01 Determine and select the best sources of information **20.01.a. Identify a variety of possible sources** (*nonfiction books, print reference works, specialized encyclopedias, electronic reference books, media center databases, primary sources, credible websites, human resources, multimedia*) **20.01.b. Revise question(s) or information need based on access to and availability of resources**	**LM 20.01** Determine and select the best sources of information **20.01.a. Identify a variety of possible sources** (*nonfiction books, print reference works, specialized encyclopedias, electronic reference books, media center databases, primary sources, credible websites, human resources, multimedia*) **20.01.b. Revise question(s) or information need based on access to and availability of resources**
LM 20.02 Determine and apply appropriate search strategies for various electronic resources **LM 20.02.a. Locate resources by using search strategies** (*subject, keyword, pathfinders, Boolean logic, broadening or narrowing search parameters, and using advanced search features*) **LM 20.02.b. Use safe practices when online by following the FCPS Acceptable Use Regulation**	**LM 20.02** Determine and apply appropriate search strategies for various electronic resources **LM 20.02.a. Locate resources by using search strategies** (*subject, keyword, pathfinders, Boolean logic, broadening or narrowing search parameters, and using advanced search features*) **LM 20.02.b. Use safe practices when online by following the FCPS Acceptable Use Regulation**
LM 20.03 Use systems of classification and organization to locate resources to meet an information need **20.03.a. Describe the library media center's system of classification** **20.03.b. Locate materials using the library media center's system of organization** (*Dewey decimal system, alphabetical order, reference section, special collections*)	**LM 20.03** Use systems of classification and organization to locate resources to meet an information need **20.03.a. Describe the library media center's system of classification** **20.03.b. Locate materials using the library media center's system of organization** (*Dewey decimal system, alphabetical order, reference section, special collections*)
LM 20.04 Use organizational features of resources to find relevant information **20.04.a. Use parts of a book** (*title page, index, table of contents, glossary, appendix, bibliography*) **20.04.b. Use text features** (*captions, information boxes, sidebars, guidewords, headings*)	**LM 20.04** Use organizational features of resources to find relevant information **20.04.a. Use parts of a book** (*title page, index, table of contents, glossary, appendix, bibliography*) **20.04.b. Use text features** (*captions, information boxes, sidebars, guidewords, headings*)

20.04.c. Use digital resource features *(search windows, help windows, text boxes, drop-down boxes, hyperlinks, tabs, radio buttons, "find" feature)*	**20.04.c. Use digital resource features** *(search windows, help windows, text boxes, drop-down boxes, hyperlinks, tabs, radio buttons, "find" feature)*
LM 20.05 Evaluate sources to select those that best meet the information need **LM 20.05.a. Select sources based on advantages and disadvantages of various formats, ease of access and availability** **LM 20.05.b. Differentiate between fact and opinion within a specific source** **LM 20.05.c. Use criteria to evaluate sources** *(accuracy, currency, authority, bias, scope, authorship, purpose and audience)*	**LM 20.05** Evaluate sources to select those that best meet the information need **LM 20.05.a. Select sources based on advantages and disadvantages of various formats, ease of access and availability** **LM 20.05.b. Differentiate between fact and opinion within a specific source** **LM 20.05.c. Use criteria to evaluate sources** *(accuracy, currency, authority, bias, scope, authorship, purpose and audience)*

LM Standard 3: Collect and evaluate information in an ethical manner as part of an inquiry process.

6-8	Grades 9-12
LM 30.01 Evaluate content within a source to meet the information need *(readability, ease of understanding, fact or opinion, relevance to information inquiry)*	**LM 30.01** Evaluate content within a source to meet the information need *(readability, ease of understanding, fact or opinion, relevance to information inquiry)*
LM 30.02 Record and organize information **LM 30.02.a. Record information using a variety of organizational strategies** *(organizational charts and tables, KWL charts, concept mapping, outlines, note cards, highlighting, graphic organizer, spreadsheets and databases)* **LM 30.02.b. Record only succinct and relevant information** **LM 30.02.c. Avoid plagiarism** *(direct quotations, keeping track of sources used for information, paraphrasing)*	**LM 30.02** Record and organize information **LM 30.02.a. Record information using a variety of organizational strategies** *(organizational charts and tables, KWL charts, concept mapping, outlines, note cards, highlighting, graphic organizer, spreadsheets and databases)* **LM 30.02.b. Record only succinct and relevant information** **LM 30.02.c. Avoid plagiarism** *(direct quotations, keeping track of sources used for information, paraphrasing)*
LM 30.03 Use an appropriate citation style to create a source list *(MLA, APA, Chicago)* **30.03.a. Explain the purpose of giving credit to sources of information** **30.03.b. Locate appropriate information to complete entry** **30.03.c. Independently and accurately give credit to sources of information** *(citing all quoted, paraphrased, summarized, and/or manipulated recorded data/information)* **30.03.d. Use style manuals and citation generators to format entries correctly**	**LM 30.03** Use an appropriate citation style to create a source list *(MLA, APA, Chicago)* **30.03.a. Explain the purpose of giving credit to sources of information** **30.03.b. Locate appropriate information to complete entry** **30.03.c. Independently and accurately give credit to sources of information** *(citing all quoted, paraphrased, summarized, and/or manipulated recorded data/information)* **30.03.d. Use style manuals and citation generators to format entries correctly**

LM Standard 4: Interpret information to generate new understandings and knowledge as part of an inquiry process.

6-8	Grades 9-12
LM 40.01 Integrate new information into personal knowledge *(make personal connections, develop new insights)*	**LM 40.01** Integrate new information into personal knowledge *(make personal connections, develop new insights)*
LM 40.02 Apply critical thinking and problem solving strategies to meet the information need *(draw conclusions and valid inferences, demonstrate divergent thinking, generate new questions, defend positions, apply information in a new situation or creative activity, analyze information to generate new ideas, compare/contrast)*	**LM 40.02** Apply critical thinking and problem solving strategies to meet the information need *(draw conclusions and valid inferences, demonstrate divergent thinking, generate new questions, defend positions, apply information in a new situation or creative activity, analyze information to generate new ideas, compare/contrast)*
40.03 Apply ethical practices to the evaluation and analysis of the recorded data/information **40.03.a. Practice digital citizenship by observing intellectual property rights** **40.03.b. Identify possible alternative interpretations applicable to the recorded data/information**	**40.03** Apply ethical practices to the evaluation and analysis of the recorded data/information **40.03.a. Practice digital citizenship by observing intellectual property rights** **40.03.b. Identify multicultural, alternative, and diverse perspectives and interpretations**
LM 40.04 Evaluate research process **40.04.a. Determine extent to which information need has been met** **40.04.b. Reflect and decide on the order in which to organize or present recorded information** **40.04.c. Devise strategies for revising, improving, and generating knowledge**	**LM 40.04** Evaluate research process **40.04.a. Determine extent to which information need has been met** **40.04.b. Revise the researchable question, hypothesis or thesis to reflect research findings** **40.04.c. Devise strategies for revising, improving, and generating knowledge**

LM Standard 5: Communicate findings and conclusions of an inquiry process by producing materials in an appropriate format.

6-8	Grades 9-12
LM 50.01 Select the most appropriate format and technologies to communicate facts or creative ideas for an identified need **50.01.a. Design a product for intended and/or diverse audience** *(multimedia presentations, written documents, oral presentations, blogs, wikis, visual displays, audiovisual presentations)* **50.01.b. Present findings/conclusions using technology in a variety of formats** *(computers, mp3 devices, document cameras, microphone and speaker, data projector)* **50.01.c Apply fair use, copyright laws, and creative commons attributions** **50.01.d Individually or collaboratively share an information product to contribute to a learning community** **50.01.e. Practice digital etiquette when sharing findings and conclusions**	**LM 50.01** Select the most appropriate format and technologies to communicate facts or creative ideas for an identified need **50.01.a. Design a product for intended and/or diverse audience** *(multimedia presentations, written documents, oral presentations, blogs, wikis, visual displays, audiovisual presentations)* **50.01.b. Present findings/conclusions using technology in a variety of formats** *(computers, mp3 devices, document cameras, microphone and speaker, data projector)* **50.01.c Apply fair use, copyright laws, and creative commons attributions** **50.01.d Individually or collaboratively share an information product to contribute to a learning community** **50.01.e. Practice digital etiquette when sharing findings and conclusions**
50.03 Evaluate the inquiry process and the information product **50.03.a. With guidance, create and apply criteria for evaluating the information product** **50.03.b. Use audience feedback and/or peer review to reflect on the information product and the learning process** **50.03.c. Reflect on the information need and the need for additional information**. *(individually, collaboratively)* **50.03.d. Reflect on the inquiry process and how to use it more efficiently**	**50.03** Evaluate the inquiry process and the information product **50.03.a. Create and apply criteria for evaluating the information product** **50.03.b. Use audience feedback and/or peer review to reflect on the information product and the learning process** **50.03.c. Reflect on the information need and the need for additional information**. *(individually, collaboratively)* **50.03.d. Reflect on the inquiry process and how to use it more efficiently**

LM Standard 6: Appreciate literature and multimedia as a reflection of human experience.

6-8	Grades 9-12
LM.60.01 Choose literature and/or multimedia from the media center and other libraries for a personal and/or assigned need	**LM.60.01** Choose literature and/or multimedia from the media center and other libraries for a personal and/or assigned need
60.01.a. Select a variety of literary and multimedia formats and genres *(fiction, nonfiction, poetry, biography, mystery, magazines, web sites, blogs, electronic resources, audio and video resources, newspapers, science fiction, historical fiction, fantasy, realistic fiction, graphic novel)*	**60.01.a. Select a variety of literary and multimedia formats and genres** *(fiction, nonfiction, poetry, biography, mystery, magazines, web sites, blogs, electronic resources, audio and video resources, newspapers, science fiction, historical fiction, fantasy, realistic fiction, graphic novel)*
60.01.b. Recognize and select various authors, illustrators and series *(ALA Award Page, BES, Blue Crab Book List, FCPS/FCPL Summer Reading List)*	**60.01.b. Recognize and select various authors, illustrators and series** *(ALA Award Page, BES, Blue Crab Book List, FCPS/FCPL Summer Reading List,)*
60.01.c. Select literature and multimedia reflecting diverse sources, contexts, disciplines and cultures	**60.01.c. Select literature and multimedia reflecting diverse sources, contexts, disciplines and cultures**
60.01.d. Make literature-to-self, literature-to-literature, and literature-to-multimedia connections, and, with guidance, make literature-to-world connections	**60.01.d. Analyze literature-to-self, literature-to-literature, and literature-to-multimedia connections, and, with guidance, make literature-to-world connections**
60.01.e. Identify relationships between fiction and nonfiction literature and real life *(read, listen to, view, and discuss literature that reflects personal interests, provides imagined experiences, and validates individual concerns and real experience)*	**60.01.e. Identify relationships between fiction and nonfiction literature and real life** *(read, listen to, view, and discuss literature that reflects personal interests, provides imagined experiences, and validates individual concerns and real experience)*
60.01.f. Use literature and/or multimedia to answer questions, make decisions or solve problems	**60.01.f. Use literature and/or multimedia to answer questions, make decisions or solve problems**
60.01.g. Use literature and/or multimedia to evaluate historical problems, current social events, and personal decisions	**60.01.g. Use literature and/or multimedia to evaluate historical problems, current social events, and personal decisions**