

INFORMATION LITERACY SKILLS CONTINUUM: K-12

The New Haven Unified School District Library Media Program has adopted the following *Recommended Information Literacy Skills Continuum: Grades K-12* (© California School Library Association, 2004) as its primary curriculum for all district library media centers. Specific grade-level skills are labeled Introduced (I), Reinforced (R), and Mastered (M). These skills are taught on a continuum and in a timely manner. In some cases the I, R, and M designations in this continuum may appear more than once for a particular skill. This will occur when a skill becomes more advance and the student moves from elementary to middle to high school. A blank box in the matrix indicates that a skill does not apply or does not need to be taught at a particular grade level.

This continuum uses the nine national information literacy standards from *Information Power: Building Partnerships for Learning* by American Association of School Librarians and Association for Educational Communications and Technology (© 1998, American Library Association and Association for Educational Communications and Technology).

S T A N D A R D 1: *The student who is information literate accesses information efficiently and effectively.*

1.1 Knows library procedures for circulation and care of equipment

| <i>Indicators/Skills</i> | K-1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|-----|---|---|---|---|---|---|---|---|----|----|----|
| 1.1.1 Understands how to check out and care for books and multimedia material, and respects library rules | I | I | R | R | R | R | M | M | M | M | M | M |
| 1.1.2 Learns whom to ask for help at a library | I | R | M | M | M | M | M | M | M | M | M | M |
| 1.1.3 Demonstrates respect for other library users | I | I | I | R | R | R | R | R | R | M | M | M |
| 1.1.4 Learns library procedures through library orientation | I | I | I | I | I | I | I | I | I | I | I | I |
| 1.1.5 Learns to follow library procedures at a library | I | I | I | I | I | I | I | M | I | M | M | M |
| 1.1.6 Understands differences between a school and public library | I | I | R | R | M | M | M | M | M | M | M | M |
| 1.1.7 Demonstrates growth in understanding of school library procedures | I | I | I | I | I | I | I | M | I | I | I | I |
| 1.1.8 Uses other libraries to supplement school library media center resources | I | I | R | R | M | M | M | M | M | M | M | M |

1.2 Knows parts of a book and digital resources

| <i>Indicators/Skills</i> | K-1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|-----|---|---|---|---|---|---|---|---|----|----|----|
| 1.2.1 Identifies parts of a book: cover, title, title page, author, illustrator, spine, and spine label | I | I | R | R | R | R | M | M | M | M | M | M |
| 1.2.2 Identifies parts of a book: table of contents, publisher, page numbers, copyright date, and call number | I | I | I | R | R | R | M | M | M | M | M | M |
| 1.2.3 Identifies parts of a book: glossary, index, and dedication | | I | I | R | R | R | M | M | M | M | M | M |
| 1.2.4 Understands the general organization of a print dictionary, thesaurus, atlas, and encyclopedia | | I | I | R | R | R | M | M | M | M | M | M |
| 1.2.5 Identifies online terms and their uses (e.g., home page, Web page, URL, responsibility statement, search engine) | | | I | I | I | I | I | I | R | R | M | M |
| 1.2.6 Identifies terms common to subscription databases (e.g., login I.D. and synonyms, password, advanced search, help screen) | | | I | I | I | I | I | I | R | R | M | M |
| 1.2.7 Identifies basic terminology and use of digital input/output devices (e.g., keyboard, mouse, VCR, remote control, digital camera) | I | I | R | R | M | M | M | M | M | M | M | M |

1.3 Knows Types and Location of Library Materials

| <i>Indicators/Skills</i> | K-1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|-----|---|---|---|---|---|---|---|---|----|----|----|
| 1.3.1 Understands the differences between fiction and nonfiction | I | I | I | I | R | R | M | M | M | M | M | M |
| 1.3.2 Uses an index to locate information in nonfiction resources | | I | I | I | R | R | R | R | M | M | M | M |
| 1.3.3 Uses the “find” function to locate information in online digital resources and computer files | | | I | I | R | R | M | M | M | M | M | M |
| 1.3.4 Identifies reference materials | | I | R | R | M | M | M | M | M | M | M | M |
| 1.3.5 Learns location of source types (e.g. books, nonprint, and digital resources) | I | I | I | I | I | I | I | M | I | M | M | M |
| 1.3.6 Locates fiction and nonfiction items in a variety of formats | I | I | I | I | R | R | M | M | M | M | M | M |
| 1.3.7 Knows that books and nonprint material may be located by subject in the nonfiction section | I | I | I | R | R | R | M | M | M | M | M | M |
| 1.3.8 Locates and knows general contents of biography section | | I | I | M | M | M | I | M | I | M | M | M |
| 1.3.9 Locates and knows general contents of reference section | | | I | M | M | M | I | M | I | M | M | M |
| 1.3.10 Locates information in periodicals by using print and/or digital indexes; or by, using the search engines of subscription periodical databases | I | I | R | R | R | I | M | I | I | M | M | M |
| 1.3.11 Locates relevant sources for class assignments and personal use independently | I | I | I | I | I | I | R | R | R | R | M | M |
| 1.3.12 Identifies appropriate sources for class assignments and personal use, and locates them independently | | I | I | R | R | M | M | M | M | M | M | M |

1.4 Learns to Use Library Book Classification Systems

| <i>Indicators/Skills</i> | K-1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|-----|---|---|---|---|---|---|---|---|----|----|----|
| 1.4.1 Understands the basic organization of 10 major Dewey Decimal System classes | | | I | R | R | R | M | M | M | M | M | M |
| 1.4.2 Uses Dewey Decimal System to locate resources independently | I | I | I | R | R | R | M | M | M | M | M | M |
| 1.4.3 Demonstrates ability to use Dewey Decimal System when an automated library catalog is not available | | I | I | I | R | R | I | M | M | M | M | M |
| 1.4.4 Recognizes and understands the function of other classification systems (e.g., Library of Congress) | | | | | | | | | I | I | R | R |

1.5 Knows How to Alphabetize by Author’s Last Name

| <i>Indicators/Skills</i> | K-1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|--|-----|---|---|---|---|---|---|---|---|----|----|----|
| 1.5.1 Learns that the fiction section is organized alphabetically by author’s last name | I | I | R | R | M | M | | | | | | |
| 1.5.2 Identifies the call number in the fiction section as the author’s last name alphabetized to the first letter | I | I | R | R | M | M | | | | | | |
| 1.5.3 Alphabetizes to the second letter to locate books by call number | | I | R | R | R | R | M | M | M | M | M | M |
| 1.5.4 Alphabetizes to the third letter to locate books by call number | | | I | R | R | R | R | M | M | M | M | M |

1.6 Uses the Automated Library Catalog

| <i>Indicators/Skills</i> | K-1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|-----|---|---|---|---|---|---|---|---|----|----|----|
| 1.6.1 Understands the general purpose of the automated library catalog | I | I | R | R | M | M | M | M | M | M | M | M |
| 1.6.2 Uses computer software graphical elements and navigation tools (e.g. buttons, icons, and fields) to search automated library catalog | I | I | R | R | R | M | M | M | M | M | M | M |
| 1.6.3 Performs a basic search by title, author, subject, and keyword using the automated library catalog | | I | I | R | R | R | M | M | M | M | M | M |
| 1.6.4 Independently interprets information from an automated library catalog record, including designations for foreign language, special collections, format, and availability | | | | | | I | I | I | I | R | R | R |

1.7 Uses Digital Resources to Access Information

| <i>Indicators/Skills</i> | K-1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|--|-----|---|---|---|---|---|---|---|---|----|----|----|
| 1.7.1 Uses input and output devices to operate digital equipment (e.g. computers, VCRs, CD players, and audio cassette players) | I | I | R | R | M | M | M | M | M | M | M | M |
| 1.7.2 Designs online searches in search engines and periodical databases, using Boolean operators and other limiters or expanders | | | I | R | R | R | M | M | M | M | M | M |
| 1.7.3 Uses databases (e.g. CD-ROMs, online free and fee-based services) for school use | | I | I | R | R | R | I | M | I | M | M | M |
| 1.7.4 Use digital resources for personal use | | | | | I | I | I | R | I | M | M | M |
| 1.7.5 Uses specialized content-area digital resources (e.g., videos, CD-ROMs, deep web databases, subscription information services, online library catalog) | I | I | I | I | I | I | R | R | R | M | M | M |
| 1.7.6 Selects appropriate information and communication technology tools and resources | | | I | I | I | I | R | R | R | M | M | M |

1.8 Selects Appropriate Library Materials

| <i>Indicators/Skills</i> | K-1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|--|-----|---|---|---|---|---|---|---|---|----|----|----|
| 1.8.1 Learns to use a variety of techniques to independently select books at reading level | I | I | I | I | I | I | R | R | R | M | M | M |
| 1.8.2 Learns to independently select digital curriculum materials appropriate to grade level | I | I | I | I | I | I | I | M | I | M | M | M |

1.9 Uses a Developmentally Appropriate Research Process to Access Information

| <i>Indicators/Skills</i> | K-1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|-----|---|---|---|---|---|---|---|---|----|----|----|
| 1.9.1 Identifies a problem or question that needs information | I | I | I | I | I | I | R | R | R | M | M | M |
| 1.9.2 Uses presearch strategies such as brainstorming, mapping, and recalling of prior knowledge | I | I | I | I | I | I | R | R | R | M | M | M |
| 1.9.3 Identifies and uses keywords to find specific information | | I | I | I | R | R | R | R | R | R | R | R |
| 1.9.4 Uses keywords and controlled vocabulary to develop search statements for use with databases, search engines, digital books, and other digital sources and formats | | I | I | I | I | I | R | R | R | R | R | R |
| 1.9.5 Formulates questions that define the scope of the investigation | I | I | I | I | I | I | R | R | R | M | M | M |
| 1.9.6 Selects a topic, focuses the investigation, and gathers information in order to construct a meaningful final product | | I | I | I | I | I | R | R | R | M | M | M |
| 1.9.7 Uses Dewey call numbers to locate books in areas of interest or to explore topics in depth | | I | I | I | I | I | I | R | R | R | M | M |
| 1.9.8 Selects and reads familiar and unfamiliar material independently | | I | I | R | R | R | M | M | M | M | M | M |
| 1.9.9 Uses a variety of print and digital reference material (e.g. dictionary, almanac, thesaurus, atlas, encyclopedia, and periodicals) to locate information | | | I | I | R | R | M | M | M | M | M | M |
| 1.9.10 Uses title, table of contents, chapter headings, and navigation elements to locate information in books and digital resources | I | I | R | R | R | I | M | I | I | M | M | M |
| 1.9.11 Uses subheadings to locate information in nonfiction resources | I | I | I | I | I | I | R | R | R | R | M | M |
| 1.9.12 Obtains information from illustrations, photographs, charts, graphs, maps, and tables | | I | I | R | R | M | M | M | M | M | M | M |
| 1.9.13 Uses scanning and skimming skills to locate relevant information | | I | I | I | R | R | M | M | M | M | M | M |
| 1.9.14 Continues to show growth in selection of sources and formats for educational and personal use | | | | R | M | M | M | M | M | M | M | M |
| 1.9.15 Uses cross references (<i>see</i> , <i>see also</i>) to locate relevant information | | I | I | I | R | R | R | R | R | R | R | R |
| 1.9.16 Identifies bibliographic references | | | | I | I | R | R | M | M | M | M | M |

| | | | | | | | | | | | | | |
|--------|--|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.9.17 | Uses bibliographies in books and digital resources to access information beyond the immediate source and school library media collection | | | | | I | I | I | R | R | R | R | R |
| 1.9.18 | Uses a variety of print and digital information resources to facilitate research | I | I | R | R | R | R | M | M | M | M | M | M |
| 1.9.19 | Uses advanced and specialized reference books and digital resources | | | | | | | | | I | R | M | M |
| 1.9.20 | Identifies and uses computer icons and program menus to search for information (e.g. locates an index, navigates a subject tree, accesses a help screen) | | I | R | R | R | M | M | M | M | M | M | M |
| 1.9.21 | Refines search strategies for research projects | | I | I | R | R | I | M | I | M | M | M | M |
| 1.9.22 | Selects and uses a variety of appropriate media to access information for assignments | | | I | I | I | I | I | I | R | R | R | R |
| 1.9.23 | Records author, title, and other citation elements systematically while access information sources | | | I | I | R | R | R | M | M | M | M | M |

STANDARD 2: *The student who is information literate evaluates information critically and competently.*

2.1 Locates Relevant Information from Appropriate Fiction and Nonfiction Sources in Print and Digital

Formats

| <i>Indicators/Skills</i> | K-1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|-----|---|---|---|---|---|---|---|---|----|----|----|
| 2.1.1 Identifies and compares characteristics of fiction and nonfiction | I | I | I | R | R | R | M | M | M | M | M | M |
| 2.1.2 Describes how illustrations impact a narrative | I | I | R | R | R | M | M | M | M | M | M | M |
| 2.1.3 Identifies structural elements of fiction (e.g. character, plot, setting, type of narrative order, point of view) in print, nonprint, and digital formats | I | I | R | R | R | M | M | M | M | M | M | M |
| 2.1.4 Comprehends basic plot and structure of imaginative literature | | | I | I | I | R | R | M | M | M | M | M |
| 2.1.5 Demonstrates understanding of nonfiction text structures (e.g. main idea and supporting details, cause and effect, compare and contrast, and sequencing) in nonfiction print and digital formats | I | I | I | R | R | R | M | M | M | M | M | M |
| 2.1.6 Discerns relationships among topics in order to locate maximum available information on any given subject | | | | | | | | | | | I | M |
| 2.1.7 Clarifies an understanding of text by creating summaries | | | | | | I | R | R | R | M | M | M |
| 2.1.8 Applies reading strategies (e.g. questioning, inferring, rereading, using context cues, constructing a mental image, reorganizing information, locating main idea, predicting) to assist comprehension of fiction and nonfiction in print and digital formats | I | I | I | R | R | R | M | M | M | M | M | M |
| 2.1.9 Determines which information and communication technologies are most appropriate for the information task | | | I | I | I | R | R | R | M | M | M | M |

2.2 Evaluates Authority, Credibility, and Currency of Information

| <i>Indicators/Skills</i> | K-1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|--|-----|---|---|---|---|---|---|---|---|----|----|----|
| 2.2.1 Distinguishes between fact and opinion in nonfiction sources | | | I | I | I | R | R | R | M | M | M | M |
| 2.2.2 Recognizes print, nonprint, and digital media as sources for information, persuasion, interpretation of events, transmission of culture, and entertainment | | | | | I | R | R | R | M | M | M | M |
| 2.2.3 Learns to independently evaluate the credibility, comprehensiveness, and value of print, nonprint, and digital information sources | | | | I | I | R | R | R | M | M | M | M |
| 2.2.4 Learns to recognize point of view and evidence of bias in print and digital information sources | | | | | I | I | I | I | R | M | M | |
| 2.2.5 Learns to recognize the importance of copyright date, dateline, and publishing date as indicators of information currency and accuracy | | | I | I | I | R | R | R | M | M | M | M |
| 2.2.6 Learns to look for currency clues in undated digital or print material | | | | I | I | R | R | R | M | M | M | M |

2.3 Selects Relevant Information during the Research Process

| Indicators/Skills | K-1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|-----|---|---|---|---|---|---|---|---|----|----|----|
| 2.3.1 Understands that notetaking is a tool for information processing (e.g. remembering, comparing, analyzing, and sequencing) | | | I | I | I | R | R | R | M | M | M | M |
| 2.3.2 Selects and records relevant information, organizing notes in a forma appropriate to the task | | | I | I | I | R | R | R | M | M | M | M |
| 2.3.3 Restates facts and details to clarify and organize ideas for notetaking | | I | I | I | I | I | R | R | M | M | M | M |

STANDARD 3: *The student who is information literate uses information accurately and creatively.*

3.1 Uses Prewriting Techniques to Extract and Organize Relevant Information

| Indicators/Skills | K-1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|--|-----|---|---|---|---|---|---|---|---|----|----|----|
| 3.1.1 Integrates prior knowledge with source's main ideas in preparation for notetaking | | | I | R | R | R | M | M | M | M | M | M |
| 3.1.2 Uses key words and phrase notes to write 2 or 3 sentences about a research topic | | I | I | I | I | I | R | R | M | M | M | M |
| 3.1.3 Learns techniques of organizing notes (e.g. outlining, webbing) | | I | I | R | R | R | M | M | M | M | M | M |
| 3.1.4 Uses graphic organizers to arrange information in sequential and logical order | | I | I | I | R | R | R | M | M | M | M | M |
| 3.1.5 Organizes key words and phrase notes in preparation for creating a product | | | I | I | I | I | R | R | M | M | M | M |
| 3.1.6 Selects the appropriate organization tool (e.g. outline, web, flowchart) to organize ideas and information | | | | I | I | I | R | R | M | M | M | M |

3.2 Composes and Revises Drafts

| Indicators/Skills | K-1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|--|-----|---|---|---|---|---|---|---|---|----|----|----|
| 3.2.1 Uses an outline and notes to write paragraphs that apply information to decision making, problem solving, critical thinking, and creative expression | | | | I | I | I | R | R | M | M | M | M |
| 3.2.2 Drafts, edits, and revises writing by hand or using a word processor | | I | I | I | I | I | R | R | M | M | M | M |
| 3.2.3 Uses a print or digital thesaurus to edit and revise rough drafts to improve meaning and focus | | | | I | I | R | R | M | M | M | M | |
| 3.2.4 Drafts a clear, coherent, and focused research product, including an introduction, supporting information, and conclusion, that exhibits awareness of purpose and audience | | | | I | I | I | R | R | M | M | M | M |
| 3.2.5 Uses digital spell- and grammar-checkers on final draft | | | | I | I | I | R | R | M | M | M | M |
| 3.2.6 Uses appropriate information and communication technology tools for data collection, information analysis, problem solving, group collaboration, and presentation | | | | I | I | I | R | R | M | M | M | |

3.3 Communicates and synthesizes ideas in logical and creative or novel ways

| Indicators/Skills | K-1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|-----|---|---|---|---|---|---|---|---|----|----|----|
| 3.3.1 Presents information in a variety of formats, such as word processed texts (narrative, essay, poetry, drama), charts, graphs, computer graphics, and multimedia, using appropriate information and communication technology tools | | I | I | I | R | R | R | R | M | M | M | M |
| 3.3.2 Presents information that visually conveys the main idea and supporting details about a topic | I | I | I | I | I | I | R | R | M | M | M | M |
| 3.3.3 Orally shares information with peers and other audiences | I | I | I | R | R | R | M | M | M | M | M | M |
| 3.3.4 Clarifies and enhances oral presentations using appropriate visual and/or audio enhancements and aids | | I | I | R | R | R | R | R | M | M | M | M |
| 3.3.5 Presents information using advanced multimedia and presentation software | | | I | I | I | I | I | I | R | M | M | |
| 3.3.6 Presents information with both factual and conceptual understanding, drawing from multiple sources of information, and using handwritten or computer-generated notes | | I | I | I | I | I | R | R | M | M | M | M |
| 3.3.7 Knows a variety of methods to engage the audience during research presentations (e.g. voice modulation, gestures, questions) | | | | I | I | I | R | R | M | M | M | M |
| 3.3.8 Uses creative and dramatic methods (e.g. art, music, puppetry, drama, and readers' theater) to enrich presentations and products | | | I | I | I | R | R | R | M | M | M | M |
| 3.3.9 Conveys clear and accurate information in a presentation | | | I | I | I | I | R | R | M | M | M | M |

STANDARD 4: *The student who is an independent learner is information literate and pursues information related to personal interests.*

4.1 Uses School Library Media Center and Public Library Resources to Pursue Personal Interests

| Indicators/Skills | K-1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|-----|---|---|---|---|---|---|---|---|----|----|----|
| 4.1.1 Independently selects print, nonprint, and digital resources to satisfy recreational goals and pursuits | I | I | I | R | R | R | R | M | M | M | M | M |
| 4.1.2 Uses telecommunications to communicate with others | | I | I | R | R | R | M | M | M | M | M | M |
| 4.1.3 Observes proper etiquette for using telecommunications | | I | I | R | R | R | M | M | M | M | M | M |
| 4.1.4 Uses information and communication technologies for recreational purposes | I | I | I | R | R | R | M | M | M | M | M | M |

4.2 Uses Information Literacy Skills Independently to Pursue Personal Interests

| Indicators/Skills | K-1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|--|-----|---|---|---|---|---|---|---|---|----|----|----|
| 4.2.1 Uses developmentally appropriate information-literacy processes to independently select print, nonprint, and digital resources to satisfy personal information needs | | I | I | I | R | R | R | R | R | M | M | M |

STANDARD 5: *The student who is an independent learner is information literate appreciates literature and other creative expressions of information.*

5.1 Learns about children's and Young Adult Literature, Authors, and Illustrators

| Indicators/Skills | K-1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|--|-----|---|---|---|---|---|---|---|---|----|----|----|
| 5.1.1 Understands the purpose of children's and young adult book awards (e.g. Caldecott, Newbery, Coretta Scott King, Hans Christian Andersen, Carnegie, Greenaway, Governor General's Award, and California Young Reader Medal) | I | I | I | R | R | M | M | M | M | | | |
| 5.1.2 Describes the roles of authors and illustrators and their contributions to literature and society | | I | I | R | M | M | M | M | M | | | |
| 5.1.3 Reads and understands a variety of genres (e.g. folktales, fiction, poetry, biography, and drama) | | I | R | R | R | R | R | R | R | M | M | M |

| | | | | | | | | | | | | | |
|-------|--|---|---|---|---|---|---|---|---|---|---|---|---|
| 5.1.4 | Compares and contrasts different versions of the same stories that reflect different cultures | I | I | R | M | M | | | | | | | |
| 5.1.5 | Compares and contrasts plots, settings, characters, and themes | I | I | I | R | M | M | M | M | M | M | M | M |
| 5.1.6 | Selects children's authors, appropriate for reading level, as recommended by district and state guidelines and reading lists | | I | I | R | R | R | R | R | R | R | R | R |
| 5.1.7 | Makes the transition from picture to chapter books, requiring the reader to create internal imagery | | I | I | I | R | | | | | | | |

5.2 Appreciates Creative Expressions in All Formats

| Indicators/Skills | K-1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------|---|---|---|---|---|---|---|---|---|----|----|----|
| 5.2.1 | Develops appreciation of the wide range of literary and other creative forms of expression (e.g. poetry, drama, film, classic literature, visual arts, and music) | | I | I | I | I | I | R | M | M | M | M |
| 5.2.2 | Understands the function and effect of common literary devices (e.g., metaphor, simile, imagery, and alliteration) | | | I | I | I | I | I | R | R | M | M |
| 5.2.3 | Understands the reasons for reading and appreciates the expressive differences among formats | | | I | I | I | R | R | R | M | M | M |
| 5.2.4 | Demonstrates growing appreciation of literary and artistic heritage | | | | | I | I | I | I | R | M | M |
| 5.2.5 | Appreciates the effects of society, politics, science, and technology on literature and other creative forms of expression | | | | | I | I | I | R | R | M | M |

STANDARD 6: *The student who is an independent learner is information literate appreciates literature and strives for excellence in information seeking and knowledge generation.*

6.1 Evaluates the Research Process and Product

| Indicators/Skills | K-1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------|---|---|---|---|---|---|---|---|---|----|----|----|
| 6.1.1 | Understands that the research process and product are equally important | I | I | I | R | R | R | R | R | M | M | M |
| 6.1.2 | Uses reflection and evaluation skills, individually and in groups, to critique one's own work and that of others in a respectful, cooperative, and constructive way | I | I | I | R | R | R | R | R | M | M | M |
| 6.1.3 | Refines the research process and use of resources to achieve excellence in information seeking and knowledge generation | I | I | I | R | R | R | R | R | M | M | M |
| 6.1.4 | Evaluates and selects appropriate information and communication technology tools and resources to enhance learning, knowledge production, and dissemination | I | I | I | R | R | R | R | R | M | M | M |

6.2 Reflects Upon the Process to Improve Information-Seeking Skills

| Indicators/Skills | K-1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------|--|---|---|---|---|---|---|---|---|----|----|----|
| 6.2.1 | Learns to access multiple formats and sources of reference information (e.g. specialized dictionaries, encyclopedias, and online free and subscription services) | | I | I | I | I | I | I | R | M | M | M |
| 6.2.2 | Recognizes that specialized encyclopedias differ in arrangement, emphasis, and indexing | | | | I | I | I | I | I | R | M | M |
| 6.2.3 | Learns to use print and digital information sources independently | I | I | I | R | R | R | R | R | M | M | M |

STANDARD 7: *The student who contributes positively to the learning community and to society is information literate and recognizes the importance of information to a democratic society.*

7.1 Understands that a free flow of information is essential for a democratic society

7.2 Seeks and uses information from diverse sources, viewpoints, and cultural backgrounds

STANDARD 8: *The student who contributes positively to the learning community and to society is information literate and practices ethical behavior in regard to information and information technology.*

8.1 Respects Copyright and Fair Use

| Indicators/Skills | K-1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|-----|---|---|---|---|---|---|---|---|----|----|----|
| 8.1.1 Understands the purpose of an intellectual commons and fair use, and why plagiarism, violating copyright and other illegal or unethical uses of information and technology are unacceptable | | I | I | I | I | R | R | R | M | M | M | M |
| 8.1.2 Cites sources in a standard format to give credit to authors and creators of information, ideas, art, media, and software | | I | I | I | R | R | R | M | M | M | M | |
| 8.1.3 Cites sources in text, using a standard footnoting, parenthetical, or other citation system | | | | | | | I | I | I | R | M | M |
| 8.1.4 Quotes or paraphrases information to avoid plagiarism | | | I | I | I | R | R | R | M | M | M | M |
| 8.1.5 Builds a formal bibliography or source list, using an appropriate format | | | | I | I | I | R | R | M | M | M | M |
| 8.1.6 Understands the value of an intellectual commons, as well as the consequences of plagiarism, for self and society | | | I | I | I | R | R | M | M | M | M | |

8.2 Understands and Respects Principles of Intellectual Freedom

| Indicators/Skills | K-1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|-----|---|---|---|---|---|---|---|---|----|----|----|
| 8.2.1 Describes freedoms guaranteed by the First Amendment of the U.S. Constitution | | | | | I | I | R | R | M | M | M | M |
| 8.2.2 Respects differences of opinion and their expression in speech and the press | I | I | I | R | R | R | R | M | M | M | M | M |

8.3 Follows School Requirements Regarding Responsible Use of Information and Communication Technologies

| Indicators/Skills | K-1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|-----|---|---|---|---|---|---|---|---|----|----|----|
| 8.3.1 Shows positive social behavior while using information and communication technologies | I | I | I | R | R | R | R | M | M | M | M | M |
| 8.3.2 Demonstrates legal and ethical behavior while using information and communication technologies | I | I | I | R | R | R | R | M | M | M | M | M |
| 8.3.3 Understands the consequences of inappropriate and illegal use of information and communication technologies | | | I | I | I | R | R | M | M | M | M | |

STANDARD 9: *The student who contributes positively to the learning community and to society is information literate and participates in groups to pursue and generate information.*

9.1 Collaborates in formal and informal study and research groups

9.2 Respects the views of others in study and research groups