

# Grade 6

Adopted 2010

## Students access information.

### **1.1 Recognize the need for information:**

- a. Recognize that accurate and comprehensive information is the basis of informed decision making.
  - b. Determine and use appropriate "pre-search" strategies (e.g., brainstorming, recall of prior knowledge).
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### **1.2 Formulate appropriate questions:**

- a. Identify related key words, terms, and synonyms for the research topic and information needed.
- b. Demonstrate the ability to create effective searches in print and online by identifying appropriate key words.

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**1.3 Identify and locate a variety of resources online and in other formats by using effective search strategies:**

- a. Identify and locate multiple sources of information that provide a broad view of research topics and questions (e.g., books, reference materials, online sources, periodicals).
- b. Perform a search of the automated library catalog to locate resources for a particular purpose.
- c. Use the automated library catalog to locate resources in other libraries and use interlibrary loan, if available.
- d. Use the World Wide Web, including search engines and browsers, to locate information.
- e. Demonstrate proper and responsible use of technology and other library materials.
- f. Demonstrate use of outside sources to obtain information (e.g., Web sites of public libraries and colleges, online databases).
- g. Compare and contrast the benefits of using open-source media, subscription databases, print media, and visual media to answer a research question.
- h. Demonstrate knowledge of current applications available online (e.g., photo organizer, presentation generator, document creator, video conferencing).
- i. Recognize that specialized encyclopedias differ in arrangement, emphasis, and indexing.
- j. Use Boolean search techniques and other limiters or expanders to locate appropriate resources.
- k. Identify the authority of an author or sponsoring organization in print and online materials.
- l. Identify information that supports the question but may not directly answer it.
- m. Describe how articles and publications in print may appear different digitally.

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**1.4 Retrieve information in a timely, safe, and responsible manner:**

- a. Understand and practice the basics of safe use of the Internet.
  - b. Accurately record citation information for each type of resource used.
  - c. Use several facts from visual or audio media to support a hypothesis.
  - d. Restate facts and details taken from an information source (print, nonprint, or digital) and organize those ideas for notetaking by using techniques such as outlining, webbing, flowcharting, and so on.
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**Students evaluate information.**

**2.1 Determine the relevance of the information:**

- a. Analyze information from illustrations, photographs, charts, graphs, maps, tables, and captions.
  - b. Analyze evidence to support a research question.
  - c. Identify unsupported statements in resources used.
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**2.2 Assess the comprehensiveness, currency, credibility, authority, and accuracy of resources:**

- a. Identify how visual language creates an impression for the viewer (e.g., angle, lighting, special effects, camera movement).
  - b. Recognize the importance of the publication date as an indicator of information currency.
  - c. Explain the authority, timeliness, and/or accuracy of specific information resources.
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**2.3 Consider the need for additional information:**

- a. Evaluate whether the information is sufficient to answer the question.
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**Students use information.**

**3.1 Demonstrate ethical, legal, and safe use of information in print, media, and online resources:**

- a. Practice safe handling of personal information online.
  - b. Recognize academic uses of social networking sites and understand how to use them safely (e.g., know how to adjust privacy settings).
  - c. Articulate and follow the rules for online use at school.
  - d. Identify types of programs that can damage a computer (e.g., virus, worm, Trojan horse, spyware).
  - e. Practice ethical behavior in online interactions.
  - f. Identify what constitutes an "uncomfortable" interaction online and how to handle it effectively.
  - g. Identify urban legends and hoaxes spread through e-mail and the Internet.
  - h. Understand how to provide limited copyright and authorize use of original works (e.g., Creative Commons).
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**3.2 Draw conclusions and make informed decisions:**

- a. Analyze evidence to support a research question.
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**3.3 Use information and technology creatively to answer a question, solve a problem, or enrich understanding:**

- a. Choose an appropriate format to produce, communicate, and present information (e.g., written report, multimedia presentation, graphic presentation).
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**Students integrate information literacy skills into all areas of learning.**

**4.1 Read widely and use various media for information, personal interest, and lifelong learning:**

- a. Read a good representation of grade-level-appropriate text, making progress toward the goal of reading one million words annually by grade eight (e.g., classic and contemporary literature, magazines, newspapers, online information).
  - b. Participate in activities that reflect interests, talents, or desires.
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**4.2 Seek, produce, and share information:**

- a. Respect others' right to freedom of speech.
  - b. Pursue information related to personal well-being (e.g., career interests, community involvement, health matters, recreation).
  - c. Collaborate in person and through technology to identify problems and seek solutions.
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**4.3 Appreciate and respond to creative expressions of information:**

- a. Demonstrate a variety of methods to engage the audience when presenting information (e.g., voice modulation, gestures, questions).
- b. Appreciate a range of creative forms of expression (e.g., poetry, drama, film, literature, visual arts).
- c. Evaluate one's own research process and that of others in a respectful, cooperative, and productive way.