

District 211 Information Literacy Objectives

Information Literacy is defined as the ability to know when there is a need for information, to be able to identify, locate, evaluate, and effectively use that information for the issue or problem at hand. This is one of the most important skills students should attain before graduation. The instruction materials department chairpersons and the technology coordinators have worked together to create objectives as to help students be able to access, analyze and articulate information.

Each objective states what is expected the student will learn, suggest the correct guiding questions the student should ask and defines the process a student would follow if the objective to achieve the objective. Each objective is also connected to the National Information Literacy Standards (The Big 6) and the National Educational Technology Standards

Task Definition/Topic Development

Objective

Students will be able to formulate questions that will define a researchable topic.

Guiding Questions

How can I create an effective researchable topic? What am I being asked to do? What am I looking for?

Process

Define the information problem. Identify information needed in order to complete the task (to solve the information problem).

Information Literacy Standards

- 1.1 recognizes the need for information
- 1.3 formulates a question based on information needs

National Educational Technology Standards

- 6.1 Students use technology resources for solving problems and making informed decisions.

Information Seeking Strategies

Objective

Students will be able to use print, non-print, and online resources to search for information related to the problem or task at hand.

Guiding Questions

What sources are available? Where will I find the information within the sources?

Process

Determine the range of possible sources (brainstorm).
Evaluate the different possible sources to determine priorities (select the best sources).

Information Literacy Standards

1.4 identifies a variety of potential sources of information

2.4 selects information appropriate to the problem or question at hand

National Educational Technology Standards

5.3 Students evaluate and select new information resources . . . based on the appropriateness for specific tasks.

Locate, Analyze, and Evaluate Sources

Objective

Students will be able to locate information, analyze it for appropriateness to the task and evaluate the information from a variety of sources (i.e., print, non-print, and online).

Guiding Questions

What have I found? Is it related to my task? Is it appropriate and relevant to my task? Is the information accurate? Do I know where the information is coming from?

Process

Locate sources (intellectually and physically).

Find information within sources.

Engage (e.g. read, hear, view, touch) the information in a source.

Extract relevant information from a source.

Information Literacy Standards

1.5 develops and uses successful strategies for learning information

2.1 determines accuracy, relevance, and comprehensiveness

2.2 distinguishes among facts, point of view, and opinion

7.1 seeks information from diverse sources, contents, disciplines, and cultures

National Educational Technology Standards

2.2 Students practice responsible use of technology systems, information, and software

5.1 Students use technology to locate, evaluate, and collect information from a variety of sources.

Synthesis

Objective

Students should be able to organize, produce, and communicate their information.

Guiding Questions

How do I organize the information I accumulate? How will I effectively communicate this information?

Process

Organize information from multiple sources

Present the information

Information Literacy Standards

3.1 organizes information for practical application

3.4 produces and communicates information and ideas in appropriate formats

9.1 shares knowledge and information with others

National Educational Technology Standards

3.2 Students use productivity tools to collaborate in constructing technology-enhanced models, prepare publications, and produce other creative works.

4.2 Students use a variety of media and formats to communicate information and ideas effectively to multiple audiences.

Evaluation

Objective

Students will be able to evaluate the process and product.

Guiding Questions

Have I effectively, efficiently, and ethically accomplished the task originally set forth?

Process

Judge the product (effectiveness)

Judge the information problem-solving process (efficiency).

Information Literacy Standards

6.1 assesses the quality of the process and products of one's own information-seeking.

National Educational Technology Standards

3.1 Students use technology tools to enhance learning, increase productivity, and promote creativity.