

## Grade : 9

### I. Discipline

English/Language Arts\*

#### A. Standard

Standard #19 : Writing

##### 1. Composition Strand

**24** : Students will gather information from a variety of sources, analyze and evaluate the quality of the information they obtain, and use it to answer their own questions.

**24.5** : Formulate open-ended research questions and apply steps for obtaining and evaluating information from a variety of sources, organizing information, documenting sources in a consistent standard format, and presenting research.

#### Aligned to Standard #19

The lesson requires students to gather information from the internet in order to answer open-ended questions about a topic of their choice. Students must organize the information in an organized manner and document their sources in the proper MLA format.

### II. Discipline

Instructional Technology\*

#### A. Standard

Standard 1. Demonstrate proficiency in the use of computers and applications as well as an understanding of concepts underlying hardware, software, and connectivity.

##### 1. Strand(s)

**1.53** Know how to select and use search engines. Understand the differences between search engines.

**1.54** Explain effective search strategies to locate and retrieve electronic information (e.g., understand and use syntax and Boolean logic operators).

**1.57** Create a multimedia presentation, desktop-published report, or Web page that incorporates data from other files.

**1.38** Identify and use methods for transferring, downloading, and converting graphic, sound, and video files.

#### Aligned to Standard #1

The lesson requires students to use search engines and Boolean logic to find information on the web. Students must know how to authenticate a web site for its validity, download text, images, sound, and video files, and import them into a PowerPoint multimedia presentation.

### III. Discipline

Instructional Technology

#### A. Standard

Standard 3. Demonstrate ability to use technology for research, problem-solving, and communication. Students locate, evaluate, collect, and process information from a variety of electronic sources. Students use telecommunications and other media to interact or

collaborate with peers, experts, and other audiences.

**1. Strand(s)**

**3.12** In conducting research use all appropriate electronic sources (e.g., Web sites, online periodical databases, online catalogs).

**3.13** Integrate (with correct citations) electronic research results into a research project.

**3.14** Routinely evaluate Web sites for authenticity when using them.

**3.15** Present information, ideas, and results of work using any of a variety of communications technologies (e.g., multimedia presentations, Web pages, videotapes, desktop-published documents).

**3.16** Collect, organize, analyze, and graphically present data using the most appropriate tools (e.g., spreadsheet, database, graphing, and conceptmapping tools).

**3.17** Import graphics, photos, and other media into report or presentation, citing sources appropriately.

**Aligned to Standard #3**

The lesson requires students to build a research project as a multimedia presentation by collecting, analyzing, and organizing information from the internet. A variety of media must be imported into a presentation and sources need to be cited appropriately.

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**Objective Statement**

Students will understand that not all information on the internet is accurate, and that there are strategies for authenticating web sites. Students will learn how to evaluate the authenticity of a web site. Students will learn how to use search engines and Boolean logic to find information on the web. Students will gain knowledge of how to cite an internet source in the MLA format. **\*\*STUDENTS WILL USE AN ONLINE FORM TO CREATE THE CORRECT BIBLIOGRAPHY (<http://www.mohonasen.org/staffdev/bibmake/bibmakercitations.htm>)\*\*** Students will understand the meaning of the copyright law and the public domain. Students will submit a PowerPoint presentation of the information and citations they gathered and be scored on the accuracy and completeness of the project.

**Instructional Strategies**

The lesson begins with the teacher giving direct instruction about internet searching. Students are given a handout to take notes on. The handout is also provided in digital format on the students' computers in a common repository. Using an LCD Projector and Digital SmartBoard, the teacher searches for a term on AltaVista and shows how to narrow her search by using AND, OR, and NOT. Boolean expression is described. The teacher shows how to authenticate the web page by locating the author and the site sponsors, circling them with the SmartBoard pen as needed. The teacher also shows the different categories to search by and demonstrates searching for an image. The teacher finds an image, and demonstrates how to find out what rights to the image the user has. A discussion about the copyright law and the public domain is engaged. The teacher shows how to cite the web site in proper MLA format on the SmartBoard, which is also on the handout. Students are asked to summarize the lesson with 5 tips for authenticating web sites, which the teacher writes on the SmartBoard and students take notes on. A digital capture of the SmartBoard notes is recorded and placed in the common repository for reference. A recording of the teacher's direct instruction is made and provided in the class' common electronic repository for reference.

Students are then asked to pair up and search the internet for 5 facts, 2 images, 2 quotes, and 1 sound or video file

about an African American historical figure of their choice. They are asked to organize the information they found into a PowerPoint project. They are required to cite their sources in MLA format and to include a Boolean expression they searched by. The groups submit 1 project into the electronic DROPBOX by the due date.

### Assessment Strategies

Students will submit a PowerPoint presentation of the information and citations they gathered and be scored on the accuracy and completeness of the project. Ongoing assessment occurs as students are required to cite internet sources in MLA format for other subject teachers as well as in future class projects.

### Performance Indicators

Students will be graded using the following rubric :

TASK	SCORE
At least 2 sources are cited in MLA citation (10 pts each)	/ 20
5 facts	/ 5
2 quotes	/ 5
2 images	/ 5
Information is accurate and complete	/ 10
1 image or audio sound	/ 5
<b>TOTAL :</b>	<b>/ 50</b>

### Textbook References, Resources, and Materials

#### References:

All about internet searching : <http://library.bowdoin.edu/search/>

Black History Hotlist [http://www.kn.pacbell.com/wired/BHM/bh\\_hotlist.html](http://www.kn.pacbell.com/wired/BHM/bh_hotlist.html)

Public domain (copyright free) resources : [http://publishing.wsu.edu/copyright/public\\_domain\\_resources/](http://publishing.wsu.edu/copyright/public_domain_resources/)

Google <http://www.google.com>

AltaVista <http://www.altavista.com>

Quotes : <http://www.brainyquote.com>

#### Resources :

See my powerpoint example of Bob Marley.

See the project guidelines for HOW TO cite a source and authenticate a web site.

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**Date: March 15, 2005**

\*<http://www.doe.mass.edu/frameworks/current.html>