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## Digital Literacy III: The Internet & Beyond

### *Unit 1 Internet and Web Basics*

#### *LAB 2 Web Search*

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### OBJECTIVES

Use Google to:

- Perform a basic search using operators to refine search results
- Find pictures and videos related to a specified term
- Perform an advanced search using multiple field criteria
- Convert units of measurement
- Solve equations and define words

### EQUIPMENT REQUIRED

- Notebook computer
- Web browser

### INTRODUCTION

In today's world, more and more things are done online. The ability to search the Internet for information is one of the most important digital literacy skills you can possess. Even if you don't consider yourself a computer person, you now need Web search skills in order to conduct research, shop online, keep in touch with family, and more. By improving your search skills, you can find what you're looking for more quickly without having to sift through tons of irrelevant results.

In this lab, you will demonstrate digital literacy strategies that help improve the accuracy and efficiency of your online searches, and also answer everyday questions such as unit conversions, solving equations, and defining words.

In order to perform the lab Procedure, you should know how to:

- Use basic search strategies and techniques in Google
- Navigate search engine results pages (SERPs)
- Use Google's advance search screen
- Use Google to solve equations, convert units, define terms, and similar functions
- Search for specific information within a web page and read web pages more effectively





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#### PROCEDURE

##### BASIC GOOGLE SEARCH

1. Navigate to google.com
2. Search for cookie recipes
3. Refine the search to filter out recipes that include chocolate
4. Modify the search to find only sugar cookie recipes
5. Perform a search for pictures of sugar cookies
6. Find a video that shows how to make sugar cookies

##### ADVANCED GOOGLE SEARCH

7. Mr. Watson is looking for a vacation package to Costa Rica, but he doesn't want to take a cruise. His budget for the vacation package is \$1000 to \$2000. Perform an Advanced Search in Google to find the websites or information that Mr. Watson needs

##### GOOGLE FAST FACTS

Use Google to perform the following steps

8. Convert the following units:
  - a. 5 Miles = \_\_\_\_\_ km
  - b. \$10 = \_\_\_\_\_ euros
  - c. 500 grams = \_\_\_\_\_ lbs
9. Solve the equation:  $15 \cdot 8 + (4 - 2) =$
10. Define "hippopotomonstrosesquippedaliophobia" (yes, it is a real word)
11. Find out the current time in Tokyo

End Procedure





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