



## 9. Search Strategies Q2 Safe Searching (1-2 class period)



### [9. Search Strategies](#)

### [Quest 9.Q2 Safe Searching](#)

**Overview of this Thing:** If you are like most people, it is easy to get lost and spend hours trying to find the correct answer to your question while on the Internet. Never fear, because you will learn about the best sites for doing your research, and you will never again spend hours lost in the huge spider web of the Internet.

#### Learning Objectives:

1. Know how to search for and evaluate information [Knowledge Constructor].
2. Know the best tools for doing research [Knowledge Constructor].
3. Know how to search safely [Knowledge Constructor].
4. Be able to properly cite sources [Knowledge Constructor].

**Overview of this Quest:** In this Quest, you will learn how to gather information using a search engine. After completing this Quest, you will know how to filter your results and find the most relevant information.

#### **Quest Learning Objectives:**

I can:

- Filter and narrow down results using Boolean Logic.
- Search safely.

#### **Link to [Vocabulary Quizlet](#)**

#### **Vocabulary:**

**Boolean Logic:** Boolean Logic is a system of logical thought developed by the English mathematician and computer pioneer, George Boole (1815-64), and is used when searching on the internet.

**Keywords:** Keywords are words that describe the information the user is trying to locate

**Search strategies:** Search strategies are the best method for finding relevant information.

**Filter:** A filter uses different strategies to narrow down a search

## **Pre-Planning:**

### **Additional Teacher Resources:**

Do you want to go an extra step for mankind and learn to use [Google Scholar](#)? It is a library of millions of books and other materials digitized for easy reading and searching.

Watch the video, [Top 10 Tips for Google Scholar YouTube \(8:43\)](#) to learn more about Google Scholar.

**For accommodation ideas, visit the [Accommodations Page](#)**

**KidzSearch page:** Teachers can play the video and walk the students through KidzSearch as an introduction to the next pages of the Quest

### **Students will:**

- Play the [Using KidzSearch YouTube \(2:30\)](#)

### **KidzSearch Facts page:**

#### **PART 1**

### **Students will:**

Use this worksheet to answer questions in part one: [9.Q2 Safe Searching Assignment](#)

- With a partner or independently, students will go to [KidzSearch](#) to search for the following facts about the delegates and the U.S. Constitution:
  - Which state's name was misspelled in the signature area of the U.S. Constitution?
  - Who was the oldest person to sign the U.S. Constitution?
  - Who was considered the Expounder of the U.S. Constitution?
  - Who hand-wrote the U.S. Constitution?

#### **PART 2**

### **Students will:**

- With a partner or independently, complete an additional search.
- Using [KidzSearch](#), they will answer the questions below.
  1. What year was the first coin-operated pinball machine invented?
  2. What was the name of this first coin-operated pinball invention?
  3. When was the first electronic pinball machine released?
  4. What was the first electronic pinball machine named?
  5. What was the name of the first video arcade game machine?
  6. Do you agree with the answers the rest of your class picked?

### **Scavenger Hunt page:**

#### **PART 3**

### **Students will:**

1. Search for information about a sponge for a science report using KidzSearch. The challenge is to



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narrow the search to the fewest, most accurate, and helpful results. Use the combinations of words shown below, use the + symbol with a word, and "quotation marks" when there is more than one word.

**Search Strategies to try out:**

- **Search #1:** sponge; **Search #2:** sponge animal; **Search #3:** sponge +ocean; **Search #4:** sponge +animal; **Search #5:** sponge +"ocean animal"

2. Which of the search strategies above do you think had:

- the largest number of results, the smallest number of results, and the best results for writing the report

**PART 4 Google Features User**

**PART Four:** Students will:

- Can you become an expert [Google](#) Features user?
- Complete the [9.Q2 Google Scavenger Hunt](#) worksheet and turn it in to your teacher.
- You may find the Additional Resources helpful in completing it.

***Videos and resources in this Quest. You must check that students have access to these resources on their devices.***

**Websites**

- [Google Scholar](#)
- [KidzSearch](#)
- [Michigan eLibrary](#)

**Videos from Outside Sources**

- [Research Tip: An Introduction to Boolean Searching \(2:41\)](#)
- [Top 10 Tips for Google Scholar \(8:43\)](#)
- [Using KidzSearch YouTube \(2:30\)](#)

**21T4S Documents & Quizzes**

- [9.Q2 Google Scavenger Hunt](#)
- [9.Q2 Safe Searching Assignment](#)
- [Vocabulary Quizlet](#)

**Student Checklist:** [9.Q2 Student Checklist](#)



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