

Unit 2: Search Techniques 2.0

Content Area: **Media Center**
Course(s): **Media 4**
Time Period: **Generic Time Period**
Length: **8 Weeks**
Status: **Published**

Unit Overview

Transfer

Students will be able to independently use their learning to...

- experiment with different keyword searches and compare their results.
- refine their searches by using multiple words, synonyms, and alternate words and phrases.

For more information, read the following article by Grant Wiggins.

http://www.authenticeducation.org/ae_bigideas/article.lasso?artid=60

Meaning

Understandings

Students will understand that...

- Keywords are the most important words related to a subject; when you use more words, you get fewer results.
- When searching online, the words you choose will affect your results.
- precisely worded descriptions produce the best results.

Essential Questions

Students will keep considering...

What are keywords?

Is it better to use more than one keyword in a search?

How do you use words when you search the Internet?

How do you think search engines like Google work?

Is it better to use more than one keyword in search?

How does using synonyms or alternative phrases help when submitting a search.

Application of Knowledge and Skill

Students will know...

Students will know...

What facts and basic concepts should students know and be able to recall?

That a keyword search will help them locate information online.

What a search engine is.

How to refine their searches.

How to choose keywords to give them the best results.

Students will be skilled at...

Students will be skilled at...

What discrete skills and processes should students be able to use?

Performing a keyword search.

Refining their searches online.

strategies to increase the accuracy of a keyword search.

Academic Vocabulary

Keyword

Search

Precise

Refine

Synonym

Alternative

Google

result

Search Engine

Learning Goal

Students will be able to

-refine their searches by using multiple words, synonyms, and/or alternate words and phrases.

- SWBAT refine their searches by using multiple words, synonyms, and/or alternate words and phrases.

CRP.K-12.CRP1	Act as a responsible and contributing citizen and employee.
CRP.K-12.CRP2	Apply appropriate academic and technical skills.
CRP.K-12.CRP4	Communicate clearly and effectively and with reason.
CRP.K-12.CRP6	Demonstrate creativity and innovation.
CRP.K-12.CRP7	Employ valid and reliable research strategies.
CRP.K-12.CRP8	Utilize critical thinking to make sense of problems and persevere in solving them.
CRP.K-12.CRP9	Model integrity, ethical leadership and effective management.
CRP.K-12.CRP11	Use technology to enhance productivity.
AAAA.K-12.1.1.8	Demonstrate mastery of technology tools for accessing information and pursuing inquiry.
AAAA.K-12.1.2.2	Demonstrate confidence and self- direction by making independent choices in the selection of resources and information.
AAAA.K-12.4.1.1	Read, view, and listen for pleasure and personal growth.
AAAA.K-12.4.1.4	Seek information for personal learning in a variety of formats and genres.
TECH.8.1.5.E	Research and Information Fluency: Students apply digital tools to gather, evaluate, and

use information.

Target 1-- Level 1 Retrieval

- SWBAT: Perform a keyword search.

Target 2-- Level 2 Comprehension

- SWBAT: Experiment with different keyword searches and compare my results.

Target 3 -- Level 3

- SWBAT: Refine my search by using multiple words, synonyms, and/or alternative words and phrases.

Target 4 -- Level 4

- SWBAT: Draw inferences to explain my search results.

Formative Assessment and Performance Opportunities

1. In-class reading, writing, speaking and listening activities.
2. Class participation.
3. Cooperative learning activities.
4. Review games.
5. Think/Pair/Share activities.
6. Teacher-directed Q and A.
7. Teacher observation.
8. Student Response Systems
9. Additional practice activities.

Differentiation / Enrichment

Differentiation:

1. Strategic seating for reduced distraction, enabling better lesson focus.
2. Small-group, teacher-monitored learning activities.

Enrichment:

1. Expand and extend concepts, ideas, relationships, and generalizations.
2. Create experiences for deeper learning.

Unit Resources

- Books
- Chromebooks
- Interactive Whiteboard
- Library
- Search Engine (Google)
- Slideshow Presentations
- Teacher Demonstration
- YouTube Videos/DVD's