

# Tricks for Dynamic Searching

K. Virginia Bond

vbond@srk12.org

## Week 1

Outcomes	Activity	Assessment	Standards	Time Required
<i>Understand the Caucus Interface and be comfortable with OLA format.</i>	Read through course documents.	Post to "I have read it" item.	<p><b>MST Standard 2 – Information Systems - Students will access, generate, process, and transfer information using appropriate technologies.</b>                      Key Idea 2. Information technology is used to retrieve, process, and communicate information and as a tool to enhance learning.                      Plc- access, select, collate, and analyze information obtained from a wide range of sources such as research data bases, foundations, organizations, national libraries, and electronic communication networks, including the Internet.                      Ple- utilize electronic networks to share information.</p> <p><b>MST Standard 5 – Technology - Students will apply technological knowledge and skills to design, construct, use, and evaluate products and systems to satisfy human and environmental needs.</b>                      Key Idea 3. Computers, as tools for design, modeling, information processing, communication, and system control, have greatly increased human productivity and knowledge.                      Pla- understand basic computer architecture and describe the function of computer subsystems and peripheral devices.</p>	15 min.
<i>Understand how search engines function.</i>	Post an introduction to "Name Badge"	Respond to "Hi there!" item, answering all questions.	<p><b>ELA Standard 1 - Students will read, write, listen, and speak for information and understanding</b>                      As listeners and readers, students will collect data, facts, and ideas, discover relationships, concepts, and generalizations; and use knowledge generated from oral, written, and electronically produced texts.                      As speakers and writers, they will use oral and</p>	15 min.

			<p>written language to acquire, interpret, apply, and transmit information.</p> <p>Key Idea 1 (Reading) - Listening and reading to acquire information and understanding involves collecting data, facts, and ideas; discovering relationships, concepts, and generalizations; and using knowledge from oral, written, and electronic sources</p> <p>PLC- Analyze and synthesize information from different sources by making connections and showing relationships to other texts, ideas, subjects, and the world at large</p> <p>- employ a range of post-reading practices to think about new learning and to plan future learning</p>	
<i>Learn about the various types of search engines.</i>	Read article about search engine functions.	Respond in "Function findings" items	<p>ELA Standard 1 - Students will read, write, listen, and speak for information and understanding</p> <p>As listeners and readers, students will collect data, facts, and ideas, discover relationships, concepts, and generalizations; and use knowledge generated from oral, written, and electronically produced texts.</p> <p>As speakers and writers, they will use oral and written language to acquire, interpret, apply, and transmit information.</p> <p>Key Idea 1 (Reading) - Listening and reading to acquire information and understanding involves collecting data, facts, and ideas; discovering relationships, concepts, and generalizations; and using knowledge from oral, written, and electronic sources</p> <p>PLC- Analyze and synthesize information from different sources by making connections and showing relationships to other texts, ideas, subjects, and the world at large</p> <p>- employ a range of post-reading practices to think about new learning and to plan future learning</p>	30 min.
	Read article about various search engines.	Respond in "Search engine types" item		30 min.
Total minutes for Week 1 =				90 min.

## Week 2

Objective	Activity	Assessment	Standards	Time Required
<i>Learn when to use specific engines.</i>	Read online article about using specific search engines and their purposes.	Respond in "Purpose" and respond to 2 other participants.	MST Standard 2 - Information Systems Students will access, generate, process, and transfer information using appropriate technologies. Key Idea 1 – Information Systems Information technology is used to retrieve, process, and communicate information and as a tool to enhance learning. PI c - access needed information from printed media, electronic data bases, and community resources.	45 min.
<i>Understand the importance of kid-friendly search engines.</i>	Read article about kid-friendly search engines.	Respond to article in "Kid-friendly" item.	MST Standard 2 - Information Systems Students will access, generate, process, and transfer information using appropriate technologies. Key Idea 1 – Information Systems Information technology is used to retrieve, process, and communicate information and as a tool to enhance learning. PI c - access needed information from printed media, electronic data bases, and community resources.	20 min.
	Read different real-life situations. Respond to the situations and how they would deal with them.	Respond in "Situations" item.	Information technology is used to retrieve, process, and communicate information and as a tool to enhance learning. PI c - access needed information from printed media, electronic data bases, and community resources.	45 min.
<i>Learn about</i>	Real-life	Respond in	ELA Standard 1 - Students will read,	45 min.

<p><i>keywords and their importance.</i></p>	<p>exercise researching a topic of their choosing. Something they would do with their students. Respond with what worked, what didn't work and what they think the reasons are.</p>	<p>"Time Limits" item , with positive and/or negative thoughts.</p>	<p>write, listen, and speak for information and understanding  As listeners and readers, students will collect data, facts, and ideas, discover relationships, concepts, and generalizations; and use knowledge generated from oral, written, and electronically produced texts. As speakers and writers, they will use oral and written language to acquire, interpret, apply, and transmit information.</p> <p>Key Idea 1 (Reading) - Listening and reading to acquire information and understanding involves collecting data, facts, and ideas; discovering relationships, concepts, and generalizations; and using knowledge from oral, written, and electronic sources</p> <p>Plc- Analyze and synthesize information from different sources by making connections and showing relationships to other texts, ideas, subjects, and the world at large  - employ a range of post-reading practices to think about new learning and to plan future learning</p> <p>MST Standard 2 - Information Systems  Students will access, generate, process, and transfer information using appropriate technologies.</p> <p>Key Idea 1 – Information Systems  Information technology is used to retrieve, process, and communicate information and as a tool to enhance</p>	
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			<p>learning.  <b>PI c</b> - access needed information from printed media, electronic data bases, and community resources.</p>	
<p><i>Learn about time limits.</i></p>	<p>Read articles about time limits.</p>	<p>Respond in "Time Limits" item.</p>	<p>ELA Standard 1 - Students will read, write, listen, and speak for information and understanding  As listeners and readers, students will collect data, facts, and ideas, discover relationships, concepts, and generalizations; and use knowledge generated from oral, written, and electronically produced texts. As speakers and writers, they will use oral and written language to acquire, interpret, apply, and transmit information.</p> <p>Key Idea 1 (Reading) - Listening and reading to acquire information and understanding involves collecting data, facts, and ideas; discovering relationships, concepts, and generalizations; and using knowledge from oral, written, and electronic sources  <b>PIc</b>- Analyze and synthesize information from different sources by making connections and showing relationships to other texts, ideas, subjects, and the world at large  - employ a range of post-reading practices to think about new learning and to plan future learning</p> <p>MST Standard 2 - Information Systems  Students will access, generate,</p>	<p>15 min.</p>

			<p>process, and transfer information using appropriate technologies.</p> <p>Key Idea 1 – Information Systems Information technology is used to retrieve, process, and communicate information and as a tool to enhance learning.</p> <p>PI c - access needed information from printed media, electronic data bases, and community resources.</p>	
Total minutes for Week 2=				170 min.

### Week 3

Objective	Activity	Assessment	Standards	Time Required
<i>Learn about book-marking / favorites and how to use folders</i>	Read article about book-marking / favorites and discuss the use of folders. Learn how to create folders and add bookmarks into folders. Discuss why and how this strategy could be helpful in the classroom setting.	Respond in "Favorites" item. Be involved in dialog with other students.	<p>ELA Standard 1 - Students will read, write, listen, and speak for information and understanding As listeners and readers, students will collect data, facts, and ideas, discover relationships, concepts, and generalizations; and use knowledge generated from oral, written, and electronically produced texts. As speakers and writers, they will use oral and written language to acquire, interpret, apply, and transmit information.</p> <p>Key Idea 1 (Reading) - Listening and reading to acquire information and understanding involves collecting data, facts, and ideas; discovering relationships, concepts, and generalizations; and using</p>	30 min.
	Redo the same search as before, this time	Post to "Re-Searching" item. Respond to two		45 min.

	<p>using time limits and book-marking strategy. Post to "Re-Searching" with your honest opinion of whether these two strategies helped or hindered. Include the good, the bad and the ugly. Respond to two other participants.</p>	<p>other participants.</p>	<p>knowledge from oral, written, and electronic sources  PI c- Analyze and synthesize information from different sources by making connections and showing relationships to other texts, ideas, subjects, and the world at large  - employ a range of post-reading practices to think about new learning and to plan future learning  MST Standard 2 - Information Systems  Students will access, generate, process, and transfer information using appropriate technologies.  Key Idea 1 – Information Systems  Information technology is used to retrieve, process, and communicate information and as a tool to enhance learning.  PI c - access needed information from printed media, electronic data bases, and community resources.</p>	
<p><b><i>Understand Boolean logic and its benefits and drawbacks.</i></b></p>	<p>Read about Boolean logic online and discuss it's benefits and drawbacks. Create a list of Boolean logic characters that they</p>	<p>Respond in "Boolean logic" as a Word attachment.</p>	<p>ELA Standard 1 - Students will read, write, listen, and speak for information and understanding  As listeners and readers, students will collect data, facts, and ideas, discover relationships, concepts, and generalizations; and use knowledge generated from oral, written, and electronically produced texts. As speakers and writers, they will use oral and written language to acquire, interpret, apply, and transmit information.</p>	<p>45 min.</p>

	would feel comfortable using and describe why they chose them.		<p>Key Idea 1 (Reading) - Listening and reading to acquire information and understanding involves collecting data, facts, and ideas; discovering relationships, concepts, and generalizations; and using knowledge from oral, written, and electronic sources</p> <p>Plc- Analyze and synthesize information from different sources by making connections and showing relationships to other texts, ideas, subjects, and the world at large</p> <p>- employ a range of post-reading practices to think about new learning and to plan future learning</p>	
<i>Learn and utilize NETS strategies.</i>	Read article about NETS strategies. Think about this strategy and describe how you would use it with your students.	Respond in "NETS Strategies" item, with how you would use this strategy with your students. Respond to other participants.	<p>ELA Standard 1 - Students will read, write, listen, and speak for information and understanding</p> <p>As listeners and readers, students will collect data, facts, and ideas, discover relationships, concepts, and generalizations; and use knowledge generated from oral, written, and electronically produced texts. As speakers and writers, they will use oral and written language to acquire, interpret, apply, and transmit information.</p> <p>Key Idea 1 (Reading) - Listening and reading to acquire information and understanding involves collecting data, facts, and ideas; discovering relationships, concepts, and generalizations; and using knowledge from oral, written, and electronic sources</p> <p>Pla - Locate and use school, public, academic, and special library</p>	30 min.

			resources for information and research - use primary and secondary sources, such as dictionaries and abstracts - set purpose for reading by asking questions about what they need to know for their research	
Total minutes for Week 3=				150 min.

## Week 4

Objective	Activity	Assessment	Standards	Time Required
<i>Search for information on basic website evaluation, using the search engines and the strategies they already learned.</i>	Using the search engines and strategies you have already learned, search for information and helpful websites on basic website evaluation. Give yourself 60 minutes to search. Share the search engine(s) you used, create a list of sites you chose and give the reasons you chose them. Respond to two other participants.	Post to "Basic website evaluation" item. Respond to 2 other participants.	<a href="#">MST Standard 2 - Information Systems</a> <a href="#">Students will access, generate, process, and transfer information using appropriate technologies.</a> Key Idea 2 – Information Systems Knowledge of the impacts and limitations of information systems is essential to its effective and ethical use. PI c - demonstrate ability to evaluate information. (Elementary) PI a - understand the need to question the accuracy of information displayed on a computer because the results produced by a computer may be affected by incorrect data entry. (Intermediate)	90 min.
<i>Clarify what they think the</i>	Now that you have read about basic website	Post the list to "Important criteria" item	<a href="#">MST Standard 2 - Information Systems</a> <a href="#">Students will access, generate,</a>	45 min.

<i>important criteria for evaluating websites.</i>	evaluation, what do YOU think are the most important criteria for evaluating websites? Create a list of 5 to10 criteria that you could use with your students.		<p><a href="#">process, and transfer information using appropriate technologies.</a></p> <p>Key Idea 2 – Information Systems Knowledge of the impacts and limitations of information systems is essential to its effective and ethical use.</p> <p>PI c - demonstrate ability to evaluate information. (Elementary)</p> <p>PI a - understand the need to question the accuracy of information displayed on a computer because the results produced by a computer may be affected by incorrect data entry. (Intermediate)</p>	
Total minutes for week 4=				135 min.

## Week 5

Objective	Activity	Assessment	Standards	Time Required
<i>Explore, analyze and discuss basic website evaluation.</i>	As far as website evaluation is concerned: What works best with primary students (K-3), intermediate students (4-8), and secondary students	Post your thoughts to "Website evaluation". Respond to least at two other participants. Feel free to start a dialog with each other.	<p><a href="#">MST Standard 2 - Information Systems</a></p> <p><a href="#">Students will access, generate, process, and transfer information using appropriate technologies.</a></p>	90 min.

	<p>(9-12)? What guidelines do you think are appropriate for each level? Post your thoughts, then read the rest of the participants "Important criteria" entries. Discuss among yourselves basic website evaluation and what is appropriate at each level.</p>		<p>Key Idea 2 – Information Systems Knowledge of the impacts and limitations of information systems is essential to its effective and ethical use. PI c - demonstrate ability to evaluate information. (Elementary) PI a - understand the need to question the accuracy of information displayed on a computer because the results produced by a computer may be affected by incorrect data entry. (Intermediate)</p>	
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<i>Create a document that reflects the searching strategies they have learned. (something they can use within their own classroom)</i>	Review the searching strategies that we have learned so far in this course. Create a document that you could use with your students showing searching strategies that are important and appropriate for the level you teach.	Post your document to the "Dynamic Searching Strategies document" item as a Word document.		90 min.
Total minutes for Week 5=				180 min.

## Week 6

Objective	Activity	Assessment	Resources	Time Required
<i>Build a lesson they can use to teach the basics of searching and evaluating.</i>	Using the document you have built, create a lesson for your students that teaches the basics of searching and evaluating.	Post to "Dynamic Lesson" item as a Word document.		120 min.
	Read everyone	Post to "Wow-		40 min.

	else's lessons and comment on 3.	check out the lessons" item.		
<i>Evaluation</i>	Please do online survey.	Online survey.		15 min.
Total minutes for Week 6=				175 min.
Total for course				900 minutes = 15 hours.