FLIP It with Web 2.0 - Free Online Tools to Enhance the Student Research Process

By:

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C O N N E X I O N S

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Chapter 1

FLIP It with Web 2.0 - Free Online Tools to Enhance the Student Research Process, Part I - FOCUS[1]

1.1 Welcome to FLIP It! Part I - FOCUS!

FLIP It! (TM) was developed by librarian and educator Alice H. Yucht as a set of reflective questions to guide learners throughout the information research process. It serves as a clear and concise framework upon which to structure the basic student research task. **This project is made possible by a grant from the U.S. Institute of Museum and Library Services to the Texas State Library and Archives Commission under the provisions of the Library Services and Technology Act.**

The acronym FLIP it! stands for-

- F- FOCUS: Specifying the Topic
- L- LINK/LOCATE: Strategizing the Process
- I- INPUT/INVESTIGATE/IMPLEMENT: Sorting, Sifting, and Storing the Data
- P- PRODUCE/PRESENT/PAYOFF: Solving and Showing the Results
- IT! - the Intelligent Thinking Needed Every Step of the Way.

More detailed information may be found on Alice Yucht's website at http://www.aliceinfo.org/flipit/ [2] .

1.2 Connect FLIP It! to Web 2.0

The four modules in this collection will lead you through this four-step process and introduce you to free online tools and services that can aid and enhance your research pursuits. These Web 2.0 advances give today's students new ways to formulate, organize, collaborate, attribute, preserve, and share their research.

1.3 Part I - FOCUS! What is Involved in this Step?

As you begin the FLIP It! process in your research, your first steps fall under "F" for FOCUS. These are those tasks that FOCUS the project and aid in the formulation and growth of initial ideas such as brainstorming, collaborating with groups, topic and thesis statement formulation, scheduling, and outline preparation. As

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[1]This content is available online at <http://cnx.org/content/m33408/1.9/>.
[2]http://www.aliceinfo.org/flipit/

you can imagine, this phase is critical and sets the stage for the success of your project. Getting organized now is key. Do you need to share and collaborate with a partner or group? What materials will you need to share and work on together? Will you meet in person or virtually/online? What kind of schedule do you have - weeks, months, days? Do you need to formulate a thesis statement and/or an initial outline?

1.4 Develop the Skills Needed to FOCUS!

FOCUS is - Zooming in on your subject

- Defining the problem/Formulating the question
- Narrowing the scope
- Beginning the process of identifying specific subtopics/ key search terms to consider
- Understanding the kinds of questions/answers needed
- Comparing Formats and Genres

1.5 Free Online Tools to Help You FOCUS!

Web 2.0 means that today's online environment includes tools designed to help people share and collaborate with one another. You probably use social networking websites such as *MySpace*, *Facebook*, and *Twitter* every day. More than likely, you communicate with friends and colleagues on these sites and via your cellphone and other devices. There are many other sites and tools out there that are designed or can be used to facilitate your academic research projects. Sharing class notes, choosing research topics, composing thesis statements and outlines are just some of the research tasks that the upcoming tools can help you with.

Web 2.0 Tools Included in the Video Demo

- Evernote – http://www.evernote.com[3]
- Diigo – http://www.diigo.com[4]
- Ning – http://www.ning.com[5]
- Thinkfold – http://www.thinkfold.com[6]
- Mindomo – http://www.mindomo.com[7]
- TopicORama – http://www.ozline.com/electraguide/topics.html[8]
- LooseStitch – http://loosestitch.com[9]
- Qipit – http://www.qipit.com[10]
- Wridea – http://wridea.com[11]

More Web 2.0 Tools to Help You FOCUS!

- Etherpad - http://etherpad.com/[12]
- MyNoteIt - http://www.mynoteit.com/[13]
- WriteBoard - http://writeboard.com/[14]

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[3] http://www.evernote.com
[4] http://www.diigo.com
[5] http://www.ning.com
[6] http://www.thinkfold.com
[7] http://www.mindomo.com
[8] http://www.ozline.com/electraguide/topics.html
[9] http://loosestitch.com
[10] http://www.qipit.com
[11] http://wridea.com
[12] http://etherpad.com/
[13] http://www.mynoteit.com
[14] http://writeboard.com/

- WetPaint - http://www.wetpaint.com/[15]
- WisdoMap - http://wisdomap.com/[16]
- Bubbl.Us - http://bubbl.us/[17]
- The Idea Generator - http://www.lib.odu.edu/libassist/idea/index.php[18]
- ElectraGuide's Thesis Builder - http://www.ozline.com/electraguide/[19]
- Research Project Calculators/Scheduling Tools - http://mulibraries.missouri.edu/guides/assigncalc.htm[20]
- Big6 Research Paper Organizer - http://library.sasaustin.org/paperOrganizerUS.php[21]

1.6 Video Presentation - Part I - FOCUS!

Click on the image below to view a video demonstrating some of the resources that can help you FOCUS.

NOTE: The Flash video has audio that starts a few minutes into the presentation.

Image not finished

1.7 Think About....

As you are introduced to these online sites, services, and tools, there are some important things to keep in mind. There may be alternatives to each that you prefer over the tools presented here. If you use others and find them effective, by all means keep using them! Also, an effort was made to include only free services, but pricing models can change. Features can evolve and change. None of these tools should be relied on without your involvement, understanding, and input. Be critical of these tools and rely on your own knowledge of your assignments as well as that of your fellow students and instructors. There are times when your research can benefit from face-to-face resources rather than online/virtual options. Web 2.0 is about choice and we hope to present you with some here that can enhance, not replace, methods and tools that you already use or that your instructor requires.

1.8 Try the Tools! Suggested Activity - FOCUS!

Now, it is time to try some of these tools yourself! Click on the suggested activity link for login information and suggestions of tasks to try.

1.9 What's Next?

Now, you are ready to move on to the next module - Part II - LINK/LOCATE.

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[15] http://www.wetpaint.com/
[16] http://wisdomap.com/
[17] http://bubbl.us/
[18] http://www.lib.odu.edu/libassist/idea/index.php
[19] http://www.ozline.com/electraguide/
[20] http://mulibraries.missouri.edu/guides/assigncalc.htm
[21] http://library.sasaustin.org/paperOrganizerUS.php

Chapter 2

FLIP It with Web 2.0 - Free Online Tools to Enhance the Student Research Process, Part II – LINK/LOCATE[1]

2.1 Welcome to FLIP It! Part II – LINK/LOCATE!

FLIP It! (TM) was developed by librarian and educator Alice H. Yucht as a set of reflective questions to guide learners throughout the information research process. It serves as a clear and concise framework upon which to structure the basic student research task.**This project is made possible by a grant from the U.S. Institute of Museum and Library Services to the Texas State Library and Archives Commission under the provisions of the Library Services and Technology Act.**

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More detailed information may be found on Alice Yucht's website at http://www.aliceinfo.org/flipit/[2] .

2.2 Connect FLIP It! to Web 2.0

The four modules in this collection will lead you through this four-step process and introduce you to free online tools and services that can aid and enhance your research pursuits. These Web 2.0 advances give today's students new ways to formulate, organize, collaborate, attribute, preserve, and share their research.

2.3 Part II - LINK/LOCATE! What is Involved in this Step?

As you move ahead in the FLIP It! process in your research, your next steps fall under "L" for LINK and LOCATE. You and your group members are busy choosing and locating the types of sources you need - whether these are print or electronic. You have been searching library catalogs and online journal databases

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[1]This content is available online at <http://cnx.org/content/m33413/1.4/>.

[2]http://www.aliceinfo.org/flipit/

and in the process, you should have been finding appropriate keywords and subject headings for your topic that you can use to search more effectively for material to fit your topic. By reading the *Help* or *Search Tips* areas within library catalogs and databases, you are learning to formulate effective searches using various search methodologies. You are discovering the differences and relative strengths and weaknesses of keyword vs. subject heading searching.

2.4 Develop the Skills Needed to LINK/LOCATE!

LINK/LOCATE is- Exploring Resources

- Choosing and Locating the types of sources you need
- Finding appropriate keywords and subject headings for your topic
- Formulating effective searches using various search methodologies

2.5 Free Online Tools to Help You LINK/LOCATE!

Web 2.0 means that today's online environment includes tools designed to provide you with a wide variety of reputable, high- quality research resources. You have probably done some research by now using print resources - books, magazines, and newspapers. You may have researched some topic online using popular search engines such as *Google* or *Yahoo*. You might have been frustrated by the large amounts of information these searches gave you. In library orientations and instruction classes, you might have learned that library subscription resources such as databases of journal, magazine, and newspaper articles can save you time and trouble when you are searching for research sources to support your ideas and arguments. There are several online resources available to you that will help you understand what sources would be best for your research project and give you techniques for finding them.

Web 2.0 Tools Included in the Video Demo

- NoodleQuest – http://www.noodletools.com/noodlequest/[3]
- HCCS Library Catalog – http://librus.hccs.edu/[4]
- Library of Congress Catalog – http://catalog.loc.gov/[5]
- WorldCat – http://www.worldcat.org/[6]
- Keyword Search Builder – http://www.lib.ncsu.edu/lobo2/keywordbuilder/keywordbuilder.php[7]

2.6 Video Presentation - Part II - LINK/LOCATE!

Click on the image below here to view a video demonstrating some of the resources that can help you LINK/LOCATE.

NOTE: The Flash video has audio that starts a few minutes into the presentation.

Image not finished

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[3] http://www.noodletools.com/noodlequest/
[4] http://librus.hccs.edu/
[5] http://catalog.loc.gov/
[6] http://www.worldcat.org/
[7] http://www.lib.ncsu.edu/lobo2/keywordbuilder/keywordbuilder.php

2.7 Think About....

As you are introduced to these online sites, services, and tools, there are some important things to keep in mind. There may be alternatives to each that you prefer over the tools presented here. If you use others and find them effective, by all means keep using them! Also, an effort was made to include only free services, but pricing models can change. Features can evolve and change. None of these tools should be relied on without your involvement, understanding, and input. Be critical of these tools and rely on your own knowledge of your assignments as well as that of your fellow students and instructors. There are times when your research can benefit from face-to-face resources rather than online/virtual options. Web 2.0 is about choice and we hope to present you with some here that can enhance, not replace, methods and tools that you already use or that your instructor requires.

2.8 Try the Tools! Suggested Activity - LINK/LOCATE!

Now, it is time to try some of these tools yourself! Click on the suggested activity link for login information and suggestions of tasks to try.

2.9 What's Next?

Now, you are ready to move on to the next module - Part III - INPUT/INVESTIGATE/IMPLEMENT.

Chapter 3

FLIP It with Web 2.0 - Free Online Tools to Enhance the Student Research Process, Part III - INPUT/INVESTIGATE/IMPLEMENT[1]

3.1 Welcome to FLIP It! Part III - INPUT/INVESTIGATE/IMPLEMENT!

FLIP It! (TM) was developed by librarian and educator Alice H. Yucht as a set of reflective questions to guide learners throughout the information research process. It serves as a clear and concise framework upon which to structure the basic student research task.**This project is made possible by a grant from the U.S. Institute of Museum and Library Services to the Texas State Library and Archives Commission under the provisions of the Library Services and Technology Act.**

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More detailed information may be found on Alice Yucht's website at http://www.aliceinfo.org/flipit/[2] .

3.2 Connect FLIP It! to Web 2.0

The four modules in this collection will lead you through this four-step process and introduce you to free online tools and services that can aid and enhance your research pursuits. These Web 2.0 advances give today's students new ways to formulate, organize, collaborate, attribute, preserve, and share their research.

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[1]This content is available online at <http://cnx.org/content/m33415/1.4/>.

[2]http://www.aliceinfo.org/flipit/

3.3 Part III - INPUT/INVESTIGATE/IMPLEMENT! What is Involved in this Step?

As you move on in the FLIP It! process in your research, your next steps fall under "I" for INPUT/INVESTIGATE/IMPLEMENT. These are those tasks that involve choosing, recording, and using the information gathered. You may need to find efficient ways to store and share sources with your group or help in citing them properly using style formatting guidelines such as MLA or APA. There may be occasions when you are trying to evaluate an individual source or type of source and need some help in doing this effectively.

3.4 Develop the Skills Needed to INPUT/INVESTIGATE/IMPLEMENT!

INPUT/INVESTIGATE/IMPLEMENT is - Choosing, Recording, and Using the Information Gathered.

- Evaluating your sources using various criteria
- Organizing and storing your sources
- Citing and attributing your sources ethically, appropriately, and completely

3.5 Free Online Tools to Help You INPUT/INVESTIGATE/IMPLEMENT!

Web 2.0 means that today's online environment includes tools designed to help people share and collaborate with one another. You probably use social networking websites such as MySpace, Facebook, and Twitter every day. More than likely, you communicate with friends and colleagues on these sites and via your cellphone and other devices. There are many other sites and tools out there that are designed or can be used to facilitate your academic research projects.

Web 2.0 Tools Included in the Video Demo

- EasyBib – http://www.easybib.com/[3]
- Mendeley – http://www.mendeley.com/[4]
- BibMe – http://www.bibme.org/[5]
- Zotero – http://www.zotero.org/[6]
- NoodleBib Express – http://www.noodletools.com/login.php[7]
- Delicious – http://delicious.com/[8]

More Web 2.0 Tools to Help You INPUT/INVESTIGATE/IMPLEMENT!

- U of Md Website Checklist - http://www.lib.umd.edu/guides/webcheck.html[9]
- LSU Evaluation Tutorial - [10] http://www.lib.lsu.edu/instruction/evaluation/evaluation20.html
- NW Michigan College Evaluation Links - http://www.nmc.edu/resources/library/help/research-tips/evaluating-info.html[11]
- UNC Evaluating Print Sources - http://www.unc.edu/depts/wcweb/handouts/evidence.html[12]

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[3]http://www.easybib.com/
[4]http://www.mendeley.com/
[5]http://www.bibme.org/
[6]http://www.zotero.org/
[7]http://www.noodletools.com/login.php
[8]http://delicious.com/
[9]http://www.lib.umd.edu/guides/webcheck.html
[10]http://www.lib.lsu.edu/instruction/evaluation/evaluation20.html
[11]http://www.nmc.edu/resources/library/help/research-tips/evaluating-info.html
[12]http://www.unc.edu/depts/wcweb/handouts/evidence.html

3.6 Video Presentation - Part III - IN-PUT/INVESTIGATE/IMPLEMENT!

Click on the image below to view a video demonstrating some of the resources that can help you IN-PUT/INVESTIGATE/IMPLEMENT.

NOTE: The Flash video has audio that starts a few minutes into the presentation.

Image not finished

3.7 Think About....

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3.8 Try the Tools! Suggested Activity - IN-PUT/INVESTIGATE/IMPLEMENT!

Now, it is time to try some of these tools yourself! Click on the suggested activity link for login information and suggestions of tasks to try.

3.9 What's Next?

Now, you are ready to move on to the next module - Part IV - PRODUCE/PRESENT/PAYOFF!

Chapter 4

FLIP It with Web 2.0 - Free Online Tools to Enhance the Student Research Process, Part IV – PRODUCE/PRESENT/PAYOFF[1]

4.1 Welcome to FLIP It! Part IV – PRODUCE/PRESENT/PAYOFF!

FLIP It! (TM) was developed by librarian and educator Alice H. Yucht as a set of reflective questions to guide learners throughout the information research process. It serves as a clear and concise framework upon which to structure the basic student research task. **This project is made possible by a grant from the U.S. Institute of Museum and Library Services to the Texas State Library and Archives Commission under the provisions of the Library Services and Technology Act.**

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[1]This content is available online at <http://cnx.org/content/m33420/1.4/>.

[2]http://www.aliceinfo.org/flipit/

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*CHAPTER 4. FLIP IT WITH WEB 2.0 - FREE ONLINE TOOLS TO
ENHANCE THE STUDENT RESEARCH PROCESS, PART IV –
PRODUCE/PRESENT/PAYOFF*

4.3 Part IV - PRODUCE/PRESENT/PAYOFF! What is Involved in this Step?

As you near the end of your research project, you should be focusing now on producing your finished product and transforming your work into something that can be evaluated and shared. At this point, you are creating and demonstrating your knowledge. Several decisions need to be made now - what software package can you use to produce and/or present the work? Will you be working with a group that needs a tool that all can use and the parts seamlessly put together? Do you need to keep a copy for future use? Does your research need to be archived or shared online?

4.4 Develop the Skills Needed to PRODUCE/PRESENT/PAYOFF!

PRODUCE/PRESENT/PAYOFF is - Creating and Demonstrating Knowledge

- Publishing your final research project for submission
- Presenting your findings in person and/or online
- Sharing your work with the wider community

4.5 Free Online Tools to Help You PRODUCE/PRESENT/PAYOFF!

Web 2.0 means that today's online environment includes tools designed to help people share and collaborate with one another. You probably use social networking websites such as *MySpace*, *Facebook*, and*Twitter* every day. More than likely, you communicate with friends and colleagues on these sites and via your cell-phone and other devices. There are many other sites and tools out there that are designed or can be used to facilitate your academic research projects.

Web 2.0 Tools Included in the Video Demo

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- GoogleDocs – http://docs.google.com/[4]
- OpenOffice – http://www.openoffice.org[5]
- CiteULike – http://www.citeulike.org[6]
- Scribd – http://www.scribd.com[7]
- DocShare – http://www.docshare.com[8]
- SlideShare – http://www.slideshare.net[9]
- Zentation – http://www.zentation.com[10]

4.6 Video Presentation - Part IV - PRODUCE/PRESENT/PAYOFF!

Click on the image below to view a video demonstrating some of the resources that can help you PRODUCE/PRESENT/PAYOFF.

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[3] http://www.zoho.com
[4] http://docs.google.com/
[5] http://www.openoffice.org
[6] http://www.citeulike.org
[7] http://www.scribd.com
[8] http://www.docshare.com
[9] http://www.slideshare.net
[10] http://www.zentation.com

NOTE: The Flash video has audio that starts a few minutes into the presentation.

Image not finished

4.7 Think About....

As you are introduced to these online sites, services, and tools, there are some important things to keep in mind. There may be alternatives to each that you prefer over the tools presented here. If you use others and find them effective, by all means keep using them! Also, an effort was made to include only free services, but pricing models can change. Features can evolve and change. None of these tools should be relied on without your involvement, understanding, and input. Be critical of these tools and rely on your own knowledge of your assignments as well as that of your fellow students and instructors. There are times when your research can benefit from face-to-face resources rather than online/virtual options. Web 2.0 is about choice and we hope to present you with some here that can enhance, not replace, methods and tools that you already use or that your instructor requires.

4.8 Try the Tools! Suggested Activity - PRO-DUCE/PRESENT/PAYOFF!

Now, it is time to try some of these tools yourself! Click on the suggested activity link for login information and suggestions of tasks to try.

4.9 What's Next?

Congratulations! You have worked through the FLIP - IT! process. We hope you have picked up some new strategies and become familiar with some new tools that can aid the research process. Please take a moment to take the post - test, accessible through the provided link.

Index of Keywords and Terms

Keywords are listed by the section with that keyword (page numbers are in parentheses). Keywords do not necessarily appear in the text of the page. They are merely associated with that section. *Ex.* apples, § 1.1 (1) **Terms** are referenced by the page they appear on. *Ex.* apples, 1

C collaboration, § 1(1), § 2(5), § 3(9), § 4(13)

I information literacy, § 1(1), § 2(5), § 3(9), § 4(13)

O online, § 1(1), § 2(5), § 3(9), § 4(13)
online tools, § 1(1), § 2(5), § 3(9), § 4(13)

R research, § 1(1), § 2(5), § 3(9), § 4(13)
research projects, § 1(1), § 2(5), § 3(9), § 4(13)
research skills, § 1(1), § 2(5), § 3(9), § 4(13)

W web 2.0, § 1(1), § 2(5), § 3(9), § 4(13)

Attributions

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Module: "FLIP It with Web 2.0 - Free Online Tools to Enhance the Student Research Process, Part I - FOCUS"
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