

Teaching at a Distance & Up Close and Personal

The Benefits of Interactive Library Tutorials in Outreach and User Education

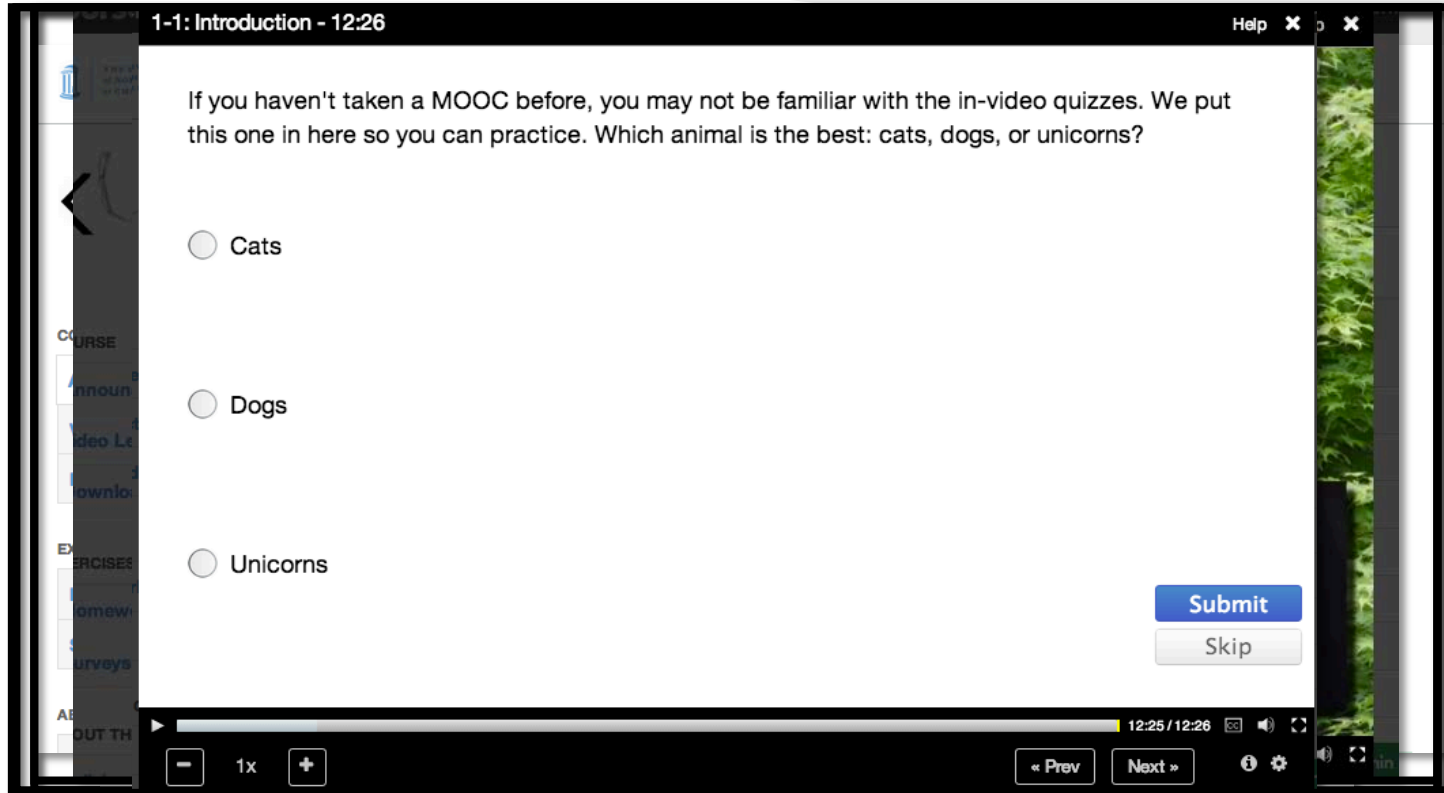
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From MOOC to Library



1-1: Introduction - 12:26

If you haven't taken a MOOC before, you may not be familiar with the in-video quizzes. We put this one in here so you can practice. Which animal is the best: cats, dogs, or unicorns?

- ☐ Cats
- ☐ Dogs
- ☐ Unicorns

Submit

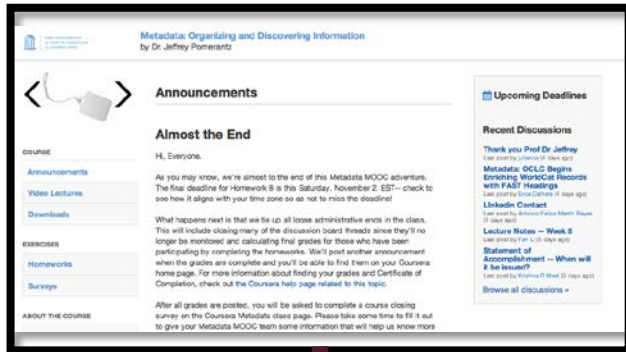
Skip

12:25 / 12:26

« Prev Next »

The screenshot shows a video player interface. At the top, the video title is '1-1: Introduction - 12:26'. The main content area displays a text prompt about MOOC in-video quizzes and a multiple-choice question: 'Which animal is the best: cats, dogs, or unicorns?'. There are three radio button options: 'Cats', 'Dogs', and 'Unicorns'. Below the options are two buttons: 'Submit' (blue) and 'Skip' (grey). The video player controls at the bottom include a progress bar showing '12:25 / 12:26', volume and fullscreen icons, and navigation buttons '« Prev' and 'Next »'. A sidebar on the left shows a course menu with items like 'Announ', 'Video Le', 'downlo', 'EXERCISES', 'homew', 'surveys', and 'ABOUT TH'.

From MOOC to Library



Agenda

- What is an interactive tutorial?
- Why use interactive tutorials?
- What are some best practices in creating interactive tutorials (and tutorials in general)?
- And an example (in progress)

What is an interactive tutorial?

Definition varies.

For my purposes, an interactive tutorial

- Is self-paced
- Is independently accessed
- Doesn't require monitoring

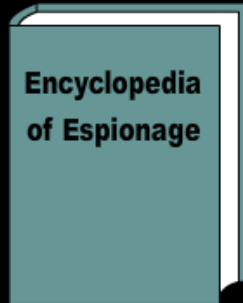
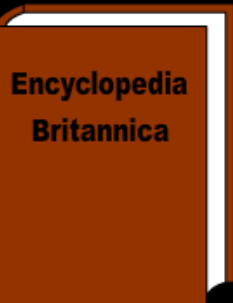
What is an interactive tutorial?

Examples

- Some have game-like qualities

SECRET AGENTS IN THE LIBRARY

There are general reference books and subject-specific books. Click on the subject-specific reference titles.



Score:

6

From Lycoming College
Library's Secret Agent in
the Library for English
106 Tutorial:

<https://www.lycoming.edu/library/instruction/tutorials/secretAgent.aspx>

What is an interactive tutorial?

Examples

- Some have game-like qualities
- Others involve links and self-paced activities within a web document

chat
is online

ABCs of Web Literacy: Interactive Tutorial

- Authority
- Accuracy
- Bias
- Currency
- Coverage

Tutorials

- > Citations
 - How Do I Get That?
 - eHRAF Collection of Ethnography - Overview & User Tips
 - Scitech Tutorials
 - Web Literacy
 - PORT - Penn Online Research Tutorial
 - Sage FeedReader

Research Guides

- Area Studies
- Business & Management
- Health & Life Sciences
- Humanities
- Science & Engineering
- Social Sciences

Ask Us/Get Help

- Contact Us

Research Guides

FindIt:

Verifying the Web

Accuracy: It is important to

2. Does the document rely on other sources?

Notice this John F. Kennedy
Presidency Project and verify

John F. Kennedy: Inaugural Address. U.S. Inaugural Addresses. 1989
www.bartleby.com/124/pres56.html

ISLAND BLUE WATERS WITH A SPLASH OF GREEN.

Bartleby.com
Great Books Online

Reference Verse Fiction Nonfiction

Search Presidential Inaugurals

Home Subjects Titles Authors Thesaurus Quotations English Usage

Reference > Inaugural Addresses of the Presidents

< PREVIOUS NEXT

[CONTENTS](#) [BIBLIOGRAPHIC RECORD](#)

Inaugural Addresses of the Presidents of the United States. 1989.

John F. Kennedy

Inaugural Address

Friday, January 20, 1961

Heavy snow fell the night before the inauguration, but thoughts about cancelling the plans were overruled. The election of 1960 had been close, and the Democratic



able by going to the *The American*



From the University of Pennsylvania Libraries' ABC's of Web Literacy: Interactive Tutorial
<http://gethelp.library.upenn.edu/guides/tutorials/webliteracy/>

What is an interactive tutorial?

Examples

- Some have game-like qualities
- Others involve links and self-paced activities within a web document
- Still others are self-contained with a combination of instruction, additional information, and quiz options

UNDERSTANDING PLAGIARISM

PLAGIARISM IN CONTEXT:
FAMOUS CASES FROM POP CULTURE

That's correct!

Congratulations! The US Federal Judge in the case agreed with you, finding that the works "were distinctly different in both substance and style" (Sheindlin quoted in BBC News, 2011).

Continue

SUBMIT

HOME



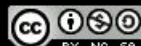
BACK

4 of 12

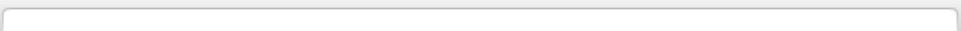
FORWARD



GLOSSARY



BY NC SA



From Eastern Michigan
University Library's
Understanding
Plagiarism tutorial:
<http://www.emich.edu/library/help/plagiarism/>

Step-by-step [Single-page view](#)

EVALUATING INFORMATION

The Pacific Northwest Tree Octopus


3 of 4

The Northwest Tree Octopus website has been fooling visitors since it went live in 1998.

Research study

In 2006, researchers at the University of Connecticut used the website for a research study analyzing the online critical evaluation skills of a group of seventh-graders. Their findings might surprise you.


Are you smarter than a seventh-grader?




UConn Advance - November 13, 2006 - Researchers find kids need better online academic skills [advance.uconn.edu](#)

When researchers in the Neag School of Education asked 25 seventh-graders from middle schools across the state to review a web site devoted to a fictitious endangered species, the Pacific Northwest Tree Octopus, the results troubled them:

[Read about the original University of Connecticut research study.](#)



Powered by [Guide on the Side](#) from the [University of Arizona Libraries](#)



University of Connecticut

Advance

[HOME](#)
[THIS ISSUE](#)
[CALENDAR](#)
[GRANTS](#)
[BACK ISSUES](#)

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[NEXT >](#)

Researchers find kids need better online academic skills

by Beth Krane - November 13, 2006

When researchers in the Neag School of Education asked 25 seventh-graders from middle schools across the state to review a web site devoted to a fictitious endangered species, the Pacific Northwest Tree Octopus, the results troubled them:

- ▶ All 25 students fell for the Internet hoax;
- ▶ All but one of the 25 rated the site as "very credible;"
- ▶ Most struggled when asked to produce proof - or even clues - that the web site was false, even after the UConn researchers told them it was; and
- ▶ Some of the students still insisted vehemently that the Pacific Northwest Tree Octopus really exists.


The students - identified as their schools' most proficient online readers - are taking part in a federal research project, funded by a \$1.8 million grant from the U.S. Department of Education.

The project is currently underway in six Connecticut middle schools.

"These results are cause for serious concern," says the project's lead researcher, Don Leu, who holds the John and Maria Neag Chair in Literacy and Technology at UConn, "because anyone can publish anything on the Internet and today's students are not prepared to critically evaluate the information they find there."

Leu also co-directs the New Literacies Research Lab, the only academic research center of its kind nationwide.

He established it when he arrived at UConn five



Professor Don Leu, the John and Maria Neag Chair in Literacy and Technology, with his research team.

Photo by Alan Grant

In a separate study, conducted at Mabelle B. Avery Middle School in Somers, Conn., Leu and his colleagues used reading comprehension assessments they've developed themselves to measure students' online literacy.

The assessments evaluate students' ability to complete specific online research tasks, incorporating tools like blogging and instant messaging.

They have found that some of the state's weakest readers as determined by standard reading assessments - including some students who have been labeled as learning disabled - turn out to be some of the best readers using new online literacy assessments.

For the federal research project, the researchers are working with seventh-graders at six urban middle schools in five districts in Connecticut (East Hartford, New London, Norwich, Putnam, and Windham).

University of Arizona Library's Evaluating Information:
http://library.uvm.edu/guide_on_the_side/tutorial/evaluating-information

What is an interactive tutorial?

Examples

- Some have game-like qualities
- Others involve links and self-paced activities within a web document
- Still others are self-contained with a combination of instruction, additional information, and quiz options
- Or any combination of the above and more!

What is an interactive tutorial?

Interactivity can also involve giving choices to the viewer:

- View entire video
- Skip to certain key concepts
- Review sections as needed

Teach Yourself: Finding Articles with Summon

📁 [Summon: Searching for articles](#)

3:42

📁 [Summon: Getting to and saving results](#)

2:46

✓ **Check Yourself: Article Searching**

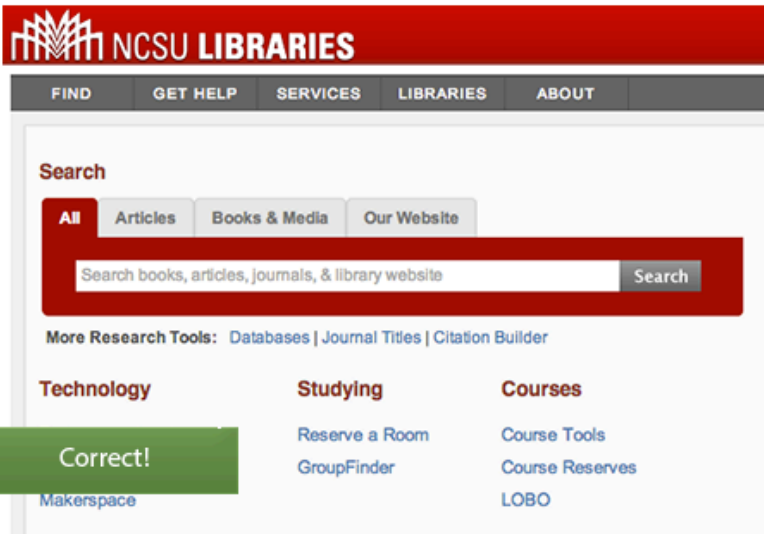
In Progress

- Check your recall of what you learned in Searching for Articles with Summon.

Check Yourself!

1 of 4

If you want to search for articles from journals, magazines, or newspapers, where would you click?



NEXT ►►

From NCSU Libraries' Videos and Interactive Guides: Finding Articles with Summon, Videos and Quiz: <http://www.lib.ncsu.edu/tutorials/articles/summon1.php>

Why use interactive tutorials?

Theory of **active learning**

- By being active participants in the learning process
 - Students learn more
 - Students retain more

Why use interactive tutorials?

Enhance library instruction sessions:

- Create instruction that can extend beyond the physical classroom
- Provide learners opportunities to review concepts on their own
- Save time by creating interactive FAQs of commonly asked questions

Why use interactive tutorials?

Meets the needs of a variety of types of students:

- On-campus students
- Distance students
- Full & Part-timers
- Adult learners
- Basically, everyone!



Why use interactive tutorials?

Meets special needs of a variety of types of students:

- Students with disabilities
- English-language learners
- Less confident students

An Opportunity for Collaboration

For instructors

- Reusable course- or goal-specific tutorials
 - Especially for online programs of study
- Faculty outreach
- Learning management systems: Moodle, Sakai, Blackboard
- Student projects?

Best Practices

ALWAYS start with a plan

- Write learning objectives or questions that the tutorial will answer
- Storyboard
 - Many software programs used to create interactive tutorials can use Powerpoint presentations as a starting point
- Script (for video using audio)
 - Say it before you record it!

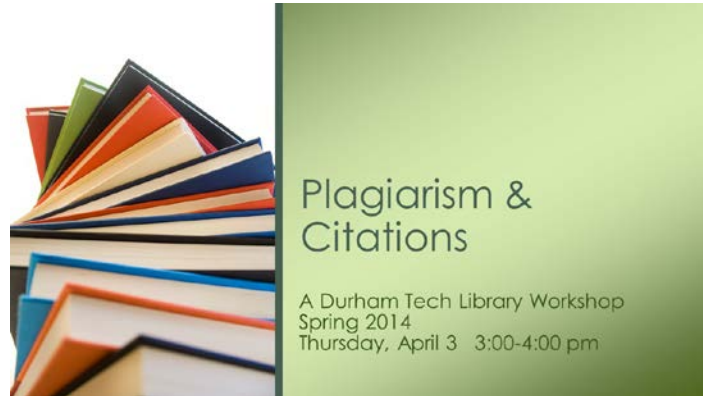
Best Practices

Creating the tutorial

- Consider your audience
 - Specific class or program? General audience?
- Keep it short
- Incorporate audio and video if you can
 - Address multiple learning styles

An Example in Progress

Durham Tech offers plagiarism and citation workshops a few times each semester to anyone who wants to attend.



An Example in Progress

As with most one-stop instruction, so much to cover... so little time.



Workshop Goal
By the end of this workshop, following questions:

- What is plagiarism?
- What is citation?
- How do I cite?
- What is a citation?
- What is a citation?
- What is a citation?

So... what exactly is plagiarism?
There are lots of ways to plagiarize.

Why do we cite?

- To give credit to people who have collected or created information you are using
- To strengthen your own work by providing resources on your topic

Citation Styles

- MLA (Modern Language Association)
 - Humanities disciplines, including English and Foreign Language, literature papers, literary criticism, cultural studies
- APA (American Psychological Association)
 - Psychology, social sciences, and natural sciences

Any questions?

- Further resources (or a review of some of the information in this workshop) can be found on the [Durham Tech Library](#) [homepage](#).
 - Printable guides available for personal use
 - [LibGuides: Citation Resources Guide](#)
- [Purdue's Online Writing Lab \(OWL\)](#) is also an awesome resource for all your citation needs, especially APA and MLA.

MLA Style

Today's session: "LOL—Limitations of Online Learning—Are We Selling the Open and Distance Education Message Short?"
Distance Education 34.2 (2013): 232-52. Academic Search Complete. Web. 19 Sep. 2013.

Lastname, Firstname. "Title of Article in Quotation Marks." *Journal Title Italicized* Vol.Issue (Year): pp-pp. Database Name Italicized. Web. Date accessed in dd mon. yyyy format.

Let's practice

- Using the "LOL-limitation of online learning" citation in APA or handout.
- One side is MLA and one side is APA.
- You may either write on the paper itself (there are lines provided) or type it on the computer. Remember to check your punctuation.
- If you

APA Style

Today's session: "LOL—Limitations of online learning—are we selling the open and distance education message short?"
Distance Education, 34(2), 232-252. doi: 10.1080/01587919.2013.802402

Lastname, F. (date). Article title with only first letter and proper nouns capitalized. *Journal Title Italicized*. Vol.Issue. Pp-pp. Retrieved from <http://www.webaddress.com>

*A doi (digital object identifier) can be substituted for the web address if it exists.

On citation generators...

It's always better to know how to create a citation by hand. Why?

- Citation generators, while useful tools in essence, are not always accurate due to either 1) issues harvesting the information from a source or 2) updated formatting guidelines
- If you don't know what a correct citation looks like, how are you going to know if the program is wrong?

What examples can we use regarding plagiarism?

What is a citation?

- The term "citation" can refer to an outside source
 - An **in-text citation** is the document and points the reader to the page cited page (three in total)
 - A **bibliographic citation** is a list of all resources used in a paper.

Let's practice

- Go to the [Durham Tech Library](#)
- Select the option in the left column, see Complete
- Search for "LOL-limitations of online learning"
- Let's look at the information page for the article

Let's practice

- First, if you're writing a paper, choose the citation style you want to use
 - Does your text written occur in the text?
 - If not, choose the citation style you want to use
- A formatting style controls other aspects of your paper beyond the citations, so deciding on one before you start is important.

The Question

How can we use **interactive tutorials** to give our students more opportunities for practice on these concepts?

The Plan

- Create individual tutorials that go over the bibliographic citations for common resource types other than journal articles
- But what else to include?
 - Searching?
 - Limiting results?
 - Interpreting the bibliographic record?

The Plan

- Or just a resource and a citation?
- How do you decide??



The Plan

- ✓ Powerpoint storyboard
 - ✓ Diagram to narrow down focus
 - ✓ Include where interactive elements will go
 - Know what your software can do
 - ✓ Outline screencast (if doing)
 - ✓ Script

□ Record!

WHICH CITATION STYLE DO YOU WANT TO USE? CLICK TO SELECT.

MLA

APA

Help me decide!

I'm done.



Wrap Up & Review

Two biggest benefits:

- Enhance already existing library instructional resources
- Meet the needs of a variety of learners

Questions?



Resouces

Peer-Reviewed Instructional Materials Online

- PRIMO: <http://primodb.org/>

Want to learn more about tutorial tools?

- NCCCLRA presentation from 2013: “A Team Approach to Creating Library Tutorials Using Terrific Tools”: <http://libguides.cfcc.edu/lra2013documents>

Want to learn more about instructional design?

- Web-Based Instruction That Works, 3rd Ed. Web Supplement: <http://www.alaeditions.org/web-extra-web-based-instruction>

Resources

Want to learn more about best practices and planning a tutorial?

- University of Washington's School of Nursing A Guide to Creating Interactive Tutorials:
<http://www.son.washington.edu/portals/nursed/Enhancements/CreatingInteractiveTutorials/default.asp>

Even the Library of Congress is making interactive tutorials!

- Taking the Mystery Out of Copyright:
<http://www.loc.gov/teachers/copyrightmystery/?#>

A Quick Announcement

Go check out the NC LIVE table in the exhibit space to give your input on the NC LIVE website and get some swag!



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