



Scaffolded Learning Using an Interactive Tutorial

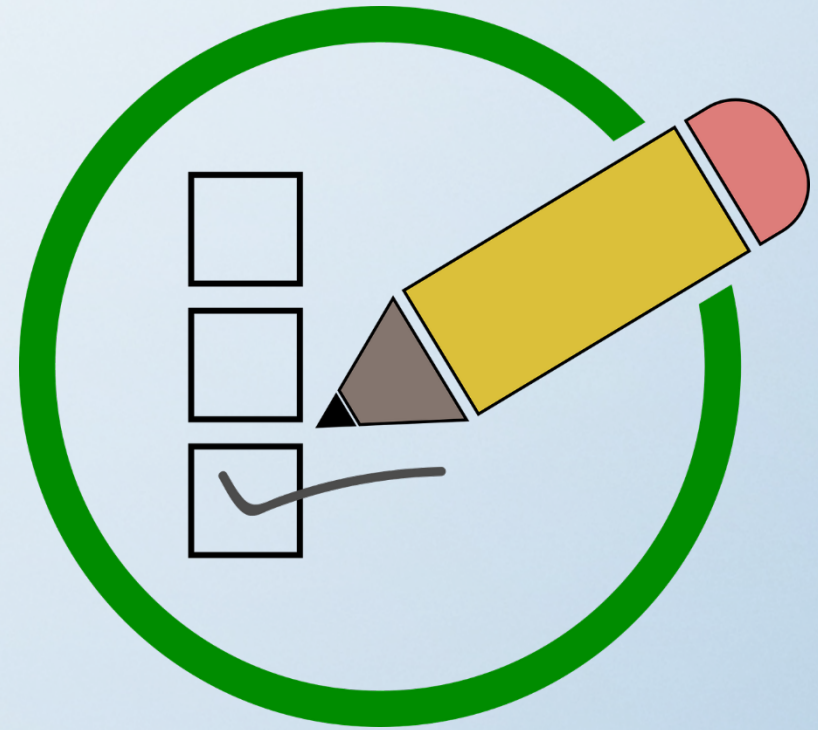
Moving from a one-shot into an in-class
exercise using an interactive tutorial for
scaffolded learning about literature
searching

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ACRL Conference April 11, 2019

POLL

- What is your primary role at your institution?
 - Liaison Librarian
 - Instruction Librarian
 - Functional Specialist
 - Instructional Designer
 - Other

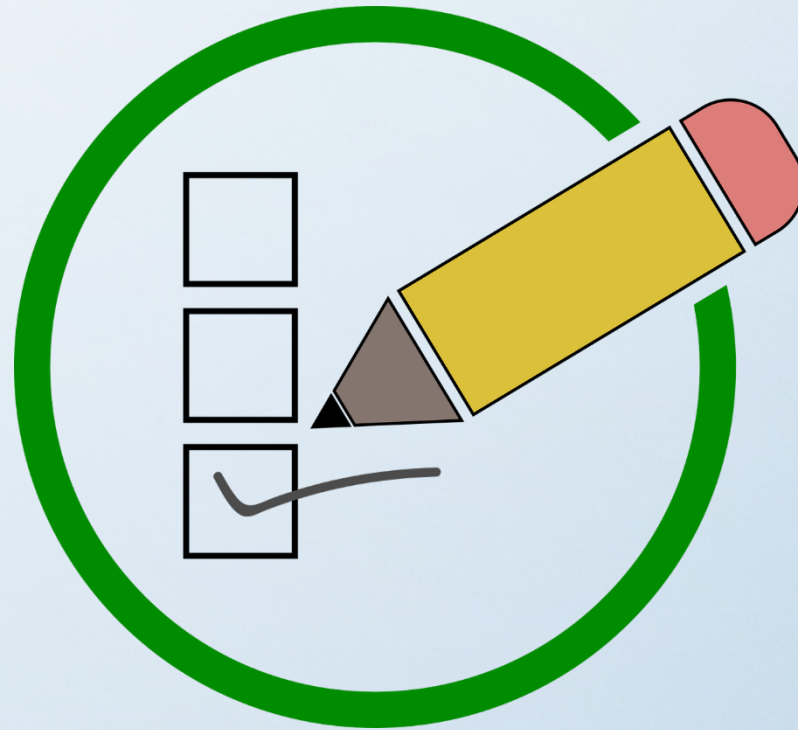


Learning Objectives

- Objective 1: Adapt a traditional script into an interactive scaffolded tutorial
- Objective 2: Incorporate engagement into a measurable model
- Objective 3: Reinvent traditional "one-shot" models into an innovative digital learning environment

POLL

Do you use a script?



Why Adapt a One Shot?



PSY 0035: Research Methods in Psychology
 Creating a Concept Map Using PsycINFO
 Online Guide @ <http://pitt.libguides.com/researchmethods>

Research Question

Main Idea:

Related terms/
Synonyms:

Main Idea:

Related terms/
Synonyms:

Main Idea:

Related terms/
Synonyms:

help with your research question in the future.

- e. "We really want to develop the correct key terms and ideas to build a better search. " Your assignment mentions the APA thesaurus—discipline-specific terms
 - i. Develop 3 main ideas
 - ii. Let's think of 3 or more synonyms for each main idea.
 1. Think of these as #hashtags, or one word to describe an idea
 2. Think like a psychology major- psychology terms to help describe?
 3. Is there a tool you can use to help you find more related terms? (*Thesaurus*)
 - iii. When you're searching, these term can be linked by AND, OR, NOT (Boolean operators)

3. Have students go and login to computers to follow along below.

4. PsycINFO Searching with Example:

(15 min)

- a. Navigate to PsycINFO from ULS Homepage or from LibGuide link. Mention EZProxy.
- b. "The PsycINFO database is the premier database for psychology—key research tool. PsycINFO covers articles from **1806 – last month**, and includes articles, book chapters, dissertations, and technical reports; it also covers medicine, communication, education, and other areas of study."
- c. Let search using the terms we've selected... **bystander effect behavior emergencies**
- d. # of results. Show Thesaurus for "emergencies" and try "accidents" Modify and add row
- e. Perform Search: **bystander effect Behavior AND (Emergencies OR Accidents)**
- f. Show 'search within' Bystander Effect
- g. Discuss how to limit search parameter : Peer Reviewed, Source, Publication Type, Subject, Language, Age Group, Population, Methodology & Date
- h. Show **full record** and show Subjects (this is how databases are indexed), Link to Full text, build a selection (check boxes) and how to cite. Caveat—checklist of common APA errors.

- e. Show Course Guide. Everything we go over today is here and the guide is on the sidebar of your CourseWeb for this class: pitt.libguides.com/researchmethods
- f. At close of the session, take a few minutes to complete a brief survey. Complete it by midnight last day of February.

2. LibGuide in CourseWeb; PsycINFO

(20 min)

- a. Who's heard of or used PsycInfo? This database is a department of the APA¹.
- b. "The PsycINFO database is the one of the major research tools used by professionals in the psychology field. PsycINFO covers articles from **1806 – last month**, and includes articles, book chapters, dissertations, and technical reports; it also covers medicine, communication, education, and other areas of study."
- c. Talk about their assignment:

You did an online survey? You were the participants. You collected data... SO you are kind of reverse engineering to have a look. The assessment itself (that you did) was the topic of....

Framing effect
 Decision making
 Rational decision

Has anyone ever used a Concept Map? Write on yours when we get to your assignment!

- a. Advanced Search. Boolean Operators
- b. break apart your topic and organize your information. It will also help you represent a relationship between the different parts of your idea or research question.
- c. If you find it really helpful, there's a pdf on the guide.
 - i. Let's think of a synonym for each main idea. Think of these as #hashtags, or one word to describe an idea

Are there any psychology/discipline-specific terms to help describe? We'll use a tool we'll use to discover some optimal terms? (*Thesaurus*) Decision making



ACRL Webinar Presentation - Tutorial/Assessment

Use the left column (Settings) to control the behavior and settings. Add content by adding 'slides' in the Workpad-Content. After adding a slide, click on the slide name to associate/add questions to it. Use the blue 'Save Changes' frequently to avoid losing work.

Tutorial/Assessment Settings

Basic Info

Title (?)
ACRL Webinar Presentation

Friendly URL (?)
acrl

Description (?)
Brief walk through of features used in an In-cl

Optional Password (?)

Status (?) Public ▾

☐ Limit visibility (?)

From (?)

To (?)

Save Changes

Tutorial/Assessment Options

Workpad - Content Area

Save Changes Preview Share/URL View Reports

You have entered some content/options on the Welcome Screen.
[Click here to edit your existing welcome message.](#)

⚡ Getting Started [✎](#) [+](#) [🗑](#)

⚡ Formulate Your Hypothesis [✎](#) [+](#) [🗑](#)

⚡ Identify Concepts using PsycINFO [✎](#) [+](#) [🗑](#)

⚡ APA Example Guide [✎](#) [+](#) [🗑](#)

Add Slide

You have entered some content/options on the Thank You Screen.
[Click here to edit your existing thank you message.](#)

Choosing the Tool



ACRL Webinar Presentation

Identify Concepts using PsycINFO (page 3 of 4)

Menu

Info Literacy--keywords vs subject terms/descriptors

Concept 1 (required)

Concept 2 (required)

Concept 3

Next

ProQuest

PsycINFO

Basic Search Advanced Search About | Change databases

Advanced Search Command Line Thesaurus Field codes Search tips

in

AND

in

+ Add a row

Limit to: ☐ Peer reviewed ⓘ ☐ Impact statements

Publication date:

Search Clear form

The LibWizard tutorial

ACRL Webinar Presentation

Identify Concepts using PsycINFO (page 3 of 4)

Menu

Info Literacy--keywords vs subject terms/descriptors

Concept 1 (required)
decisions

Concept 2 (required)
framing

Concept 3

Next

Applied filters
Clear all filters

Scholarly Journals

2010-2019

Sorted by
Relevance

Limit to
☐ Peer reviewed

Source type
Scholarly Journals (807)

Publication date

Select 1-20 0 Selected items

1

Tourists' temporal booking decisions: A study of the effect of contextual framing
Rahman, Arifur; Crouch, Geoffrey I; Laing, Jennifer H. *Tourism Management* Vol. 65, (Apr 2018): 55-68.
...booking decisions under uncertainty. They may book early and get a discount, ...
...out altogether. Prospect Theory introduced framing (presentation of messages ...
...to investigate decision-making under uncertainty. In other studies a loss...

Abstract/Details

Preview

2

The framing effect in medical decision-making: A review of the literature
Gong, Jingjing; Zhang, Yan; Yang, Zheng; Huang, Yonghua; Feng, Jun; et al. *Psychology, Health & Medicine* Vol. 18, Iss. 6, (Dec 2013): 645-653.
...decisions are of low frequency but of paramount importance. The framing effect ...
...framing effects in medical decision-making. To clarify the discrepancy in the ...
...articles' methodological quality. The framing effect in medical decision-making...

Abstract/Details Cited by (12) References (36)

Preview

3

Impact of self-framing on decision making: Timing matters
Yu, Xiaobo; Zhang, Hongning; Yu, Xiaodong; Zeng, Juli. *Social Behavior and Personality: An International Journal* Vol. 43, Iss. 4, (2015): 629-640.

Abstract/Details

Preview

Capturing Learning!

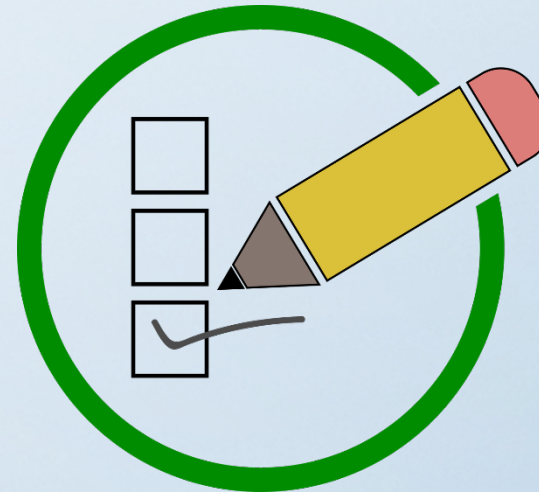
- Transparent
- Measurable
- Foundational
- Scaffolded



POLLS

Do you have concrete assessment data of how students performed during your instruction session?

Do you have a mechanism to follow-up with students who struggle or miss your session?



Fostering and Measuring Success

Reply Reply All Forward IM



donotreply@libsurveys.com

Dill, Diana M

1:33 PM

Results for ACRL Webinar Presentation.

Form Name: ACRL Webinar Presentation

Description: Brief walk through of features used in an In-class tutorial that comprised threshold info lit concepts using measurable scaffolded learning.

Enter Last name, First name (and sorting the roster alphabetically will be much easier): Ngaio Marsh

Enter your complete email address.: alleyn@pitt.edu

Year of study--just pretend!: Junior

Who is your Lab Instructor?: George W 3:00 pm

Hypothesis: Using this Springshare thingy works okay.: How does framing effect work with decision making?

Concept 1: decision making

Concept 2: framing effect

Concept 3: loss and gain

Article 1: Gosling, C. J., & Moutier, S. (2017). High but not low probability of gain elicits a positive feeling leading to the framing effect. *Frontiers in Psychology*, 8, 9. doi:<http://dx.doi.org/10.3389/fpsyg.2017.00081>

Article 1 Abstract: Human risky decision-making responses elicited by the way in which options shown that the choice between sure and risky options is influenced by the probability of gain of the risky option has been shown to be susceptible to the framing effect.

LibWizard ReportsChart context menu (1).csv - Excel																
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Clipboard Font Alignment Number Styles Cells Editing																
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Instructor feedback

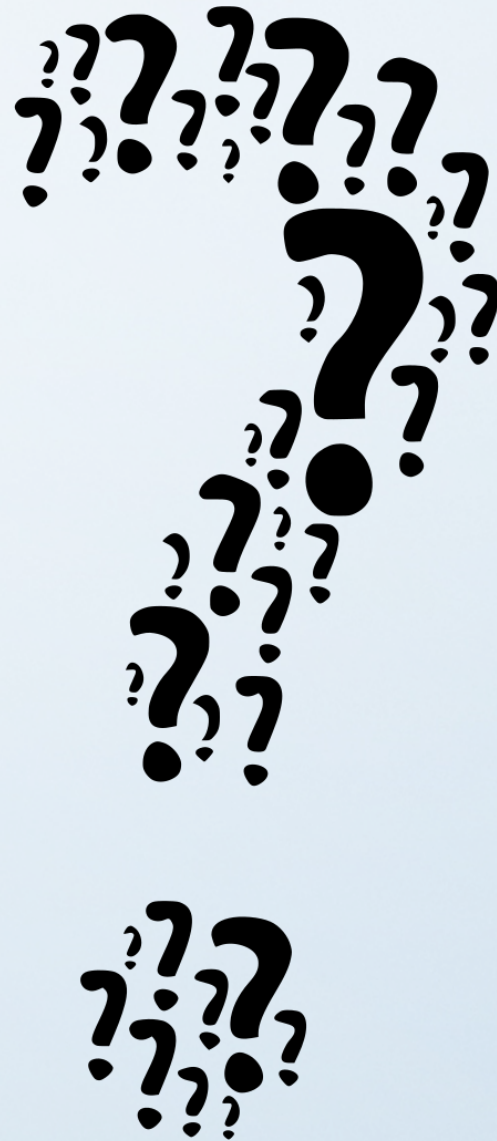
“Papers were better...”

“Students asked more complex questions [about their research topic] earlier.”

“I got positive feedback from my class and heard the same from the other TFs this morning.”



Questions?



Contact us!

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