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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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?

**Research Question**

1. **PSY 0035: Research Methods in Psychology**
   Creating a Concept Map Using Psychnfo
   Online Guide: @http://pitt.libguides.com/researchmethods

2. **Main Idea:**
   - Related terms/Synonyms:

3. **Main Idea:**
   - Related terms/Synonyms:

4. **Psychnfo Searching with Example:**
   - (15 min)
   - a. Navigate to Psychnfo from ULS Homepage or from LibGuide link. Mention the search engine.
   - b. "The PsychINFO database is the premier database for psychology—key research tool. PsychINFO 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. Search using the terms we’ve selected: bystander effect behavior emergencies
   - d. Show 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. Cite—a checklist of common APA errors.

5. **CourseWeb: Psychnfo**
   - (20 min)
   - a. Who's heard of or used Psychnfo? This database is a department of the APA.
   - b. "The PsychINFO database is the premier database for psychology—key research tool. PsychINFO 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.

If you find it really helpful, there's a pdf on the guide.

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 psych/policy-discipline specific terms to help describe? Write down the tool we'll use to discover some optimal terms? (Thesaurus) Decision making
Choosing the Tool
The LibWizard tutorial
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

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).
Ngano Marsh
Enter your complete email address.:
aleyla@pitt.edu
Year of study—just pretend!:
Journey
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 Abstract: Human risky decision-making responses elicited by the way in which options shown that the choice between sure and risky option is the probability of gain of the risky option has susceptibility to the framing effect.
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.”
THANK YOU
Questions?
Contact us!

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