THE DESIGN & USE OF A WEB-BASED MODEL FOR FIRST YEAR LIBRARY INSTRUCTION

Cara Berg
Business Librarian

Tony Joachim
Instructional Design Librarian

Co-Coordinators of User Education
William Paterson University
PIONEER SUCCESS SEMINAR (PSS)

• First year introductory course
• 1 credit, 50 minutes, once a week
• Approximately 65-80 sections/year
• Library session strongly encouraged
• Flipped instruction
• Introduction to Library research
• Scripted for all librarians
• Activities vs. lecture in class
LAST YEAR

- Youtube for flipped videos
- Google forms to collect responses
- Gmail for article review in real-time
CHALLENGES

• Google account was difficult to navigate
• Script flow
• Limited in-class feedback
NEW MODEL

• Library-designated server to develop a new lesson that could...
  • ensure consistency,
  • simplify the flow of the lesson,
  • and, make research more of a conversation!
TOOLS USED

- HTML/CSS
- Coldfusion
- Reveal.js
- Chart.js
• 3 Parts
  • Pre-Class Questionnaire & Videos
  • In-Class Librarian Module
  • In-Class Student Module
PRE-CLASS QUESTIONNAIRE & VIDEOS

- Flipped videos
- 3 Questions
- Linked to specific instructor/section
- Touchscreen enabled
WELCOME!

Watch these **two short videos** to prepare for our upcoming library session, then use the arrows to complete this *brief questionnaire*!

When ready, continue to the next page...
YOU HAVE 10,000 RESULTS! WHAT CAN YOU DO TO NARROW YOUR SEARCH?

Select all that apply

- Source Type
- Citation
- Catalog Only
- Date
- Subject
- PDF Only
IN-CLASS LIBRARIAN MODULE

• Guided script
• Share results of all responses
• Hands on activities
• Aligned with In-Class Student Module
WELCOME

TO THE CHENG LIBRARY

PROF. DUFFY'S CLASS
27

OF YOU FINISHED THE VIDEOS!
WHAT CAN YOU FIND USING 'SEARCH ALL':

- Books: 44.44%
- Books, articles, and media: 48.15%
- Books, articles, media, and more: 7.41%

HOW CAN YOU NARROW YOUR RESULTS?

<table>
<thead>
<tr>
<th>Filter</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citation</td>
<td>19%</td>
</tr>
<tr>
<td>Subject</td>
<td>96%</td>
</tr>
<tr>
<td>Date</td>
<td>85%</td>
</tr>
<tr>
<td>Catalog Only</td>
<td>33%</td>
</tr>
<tr>
<td>Source Type</td>
<td>78%</td>
</tr>
<tr>
<td>PDF Only</td>
<td>11%</td>
</tr>
</tbody>
</table>
IN-CLASS STUDENT MODULE

• Mirrors Librarian Module
• Allows students to react to questions
• Anonymous
• Immediate feedback and discussion
Choose a keyword that you think represents discrimination in science:

- Racism
- Sexism
- Inequality
- Work
- Classism
- STEM
- Science
- Opportunity
- Minority
- Color
- Education

What other terms would you suggest?

- Racism (7)
- Sexism (2)
- Aerospace
- Opportunity
- Inequality (4)
- Classism
- Education
- White
How well does the age of the information support your topic?

1. Not at All
2. Slightly
3. Moderately
4. Very Well

Please explain:

Comments

Group 3

It briefly explains the topic in full detail and contains statistics that support the claim.
What worked?

• Increased student engagement and participation
• Easier for librarians to navigate

Could have worked better?

• Librarian-Student module coordination
• Timing
WHAT’S NEXT?

• First Year course is being reimagined as a workshop

• Exploring options for use in other entry-level courses
• Reveal.js
https://revealjs.com

• Charts.js
https://www.chartjs.org/

• Sample Modules
https://tinyurl.com/vale2019pss