Engaging Learners Through Interface, Interactivity, and Instant Feedback

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Background

Librarians were asked to provide plagiarism training for students in a required, one-credit, online first-year-experience course. We knew online students wanted more than a text-heavy static tutorial or a video. They wanted interaction, and they wanted instant feedback. We used Articulate Storyline to build an interactive online tutorial that allowed students to test their understanding and receive instant feedback.

The Tutorial

Buttons for Navigation
- User choice OR forced path
- Pre-designed OR fully customizable
- Users see where they are, where they have been, and where they have yet to go

Interactive... with Feedback
This slide shows a drag-and-drop activity with instant feedback. All components, including the feedback images and text, are completely customizable.

Types of Interaction*

<table>
<thead>
<tr>
<th>Drag &amp; Drop</th>
<th>Choose an Answer</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Drag &amp; drop</td>
<td>• True or false</td>
<td>• Fill in the blank</td>
</tr>
<tr>
<td>• Sort &amp; drop</td>
<td>• Multiple choice</td>
<td>• Hot-spot</td>
</tr>
<tr>
<td>• Matching</td>
<td>• Multiple response</td>
<td>• Simulations</td>
</tr>
</tbody>
</table>

*Not all types were included in this tutorial, but they are examples of the types of interaction that could be included in any tutorial.

Feedback

After completing this tutorial, I better understand how to avoid plagiarism.

- Strongly agree
- Agree
- Somewhat agree
- Disagree
- Strongly disagree

How effective was the delivery mode of the tutorial?

- Very effective
- Effective
- Somewhat effective
- Not too effective
- Not effective at all

What students liked...

- Easy to use
- Interactive approach
- The quizzes
- Instant feedback
- “It was fun and I enjoyed doing it.”

What students wanted...

- Add audio
- Option to go back and review
- More quizzes

What faculty liked...

- Integration with LMS and grade book
- Interactivity for students in an online course

How easy was navigation of the tutorial?

- Very easy
- Easy
- Somewhat easy
- Somewhat difficult
- Very difficult

*Note: One student indicated very limited computer skills

Applications

Informational Kiosk

Use tabs and markers to display information about your library, services, and/or resources at a kiosk computer.

Flipped Classroom

Got one-shots? We all know you can’t do much in 50 minutes. Have the professor assign your online tutorial as homework so that you can focus on doing the work during class time.

Other Ideas

Knowledge Check

Online or face-to-face, check student understanding with quizzes, drag-and-drop, and other activities

Simulations

Walk them through a process, such as formatting an APA header, or creating a hanging indentation

Tests

Graded quizzes and tests integrate with the LMS grade book

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