

Enhancing Student Engagement using Nearpod

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Open Ended Question

What are some of the challenges you face in teaching information literacy classes?

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- A vertical bar on the left side of the slide, composed of several colored segments: green, light green, yellow, blue, light blue, purple, pink, orange, and red.
- Each year we teach
 - approximately 900 classes
 - We reach 24,000 students
 - Basic introductory to advanced research
 - 1st year IL class within the Communications course
 - Generally 1 to 1 ½ hours
 - Introducing library services
 - Basic database and resource evaluation skills
 - Hands on exercises tied into research assignment
 - 2nd year IL sessions within the Communications course
 - Generally 1 ½ - 2 hours
 - More advanced research skills
 - More program specific assignments

- **Multiplatform classroom tool that you can use to customize interactive lessons**

- Use on Tablet or Desktop
 - Multiplatform compatible: IOS/Android/PC/MAC
- Generate polls, ask open-ended questions, quizzes, draw, fill in the blanks, memory match
- Connect to content
 - Power Point slide show, web page, video, audio, twitter feed, Field Trip 365
- Drag and drop presentation or upload from files or images:
 - DropBox, Google Docs, Google Images

- **Pricing**

- 4 pricing models
- We've used the free so far
- **Silver**- most basic (free)
 - Classes up to 30 students
 - Interactive quizzes and open-ended Questions
 - Assessments and reports
 - Small amount of storage (50mb)



NEARPOD

How we use it

- Lab Setting
- Information Literacy Classes within Communications Courses
 - Common Framework
 - Common Lesson Plan
- First Year Students
 - Explore existing information gathering patterns
 - Create forum for discussion
- Second Year Students
 - Explore existing attitudes about library resources
 - Delve into reasons with open answer question

Poll

Where do you go for research information?

- Blogs
- Facebook
- Friend
- GBC Library website
- Google
- Professor
- Twitter
- Wikipedia



- 39 Google
- 23 Wikipedia
- 14 Professor
- 13 Friend
- 11 Other

Poll

I use the George Brown Databases to do research for my assignments

Always

Often

Seldom

Never

Open Ended Question

I like/hate the GBC databases because.....

Information Sources Periodicals

Newspapers

local news,
current events



Magazines

news,
popular issues



Trade Journals

professional &
industry news



Academic Journals

advanced &
scholarly research



* Image citations listed in notes field. (Images listed as 1-4 from left to right)

Poll

The debate over the Gardiner Expressway is a hot-topic item for local politicians, urban planners and developers. Your professor wants you to read about the debate and be prepared to discuss it in class.

- Newspaper
- Twitter
- Academic Journal
- Book or E-Book

Sample Topic: How can you provide data privacy in a cloud computing environment

- **Identify key concepts**
 - Cloud computing
 - privacy
 - data
- **Identify synonyms or “like concepts”**
 - ***sometimes these are the flip side of your topic**
 - Privacy (security) flip side - hacking
- **Look at words you want to truncate ***
 - Comput* (computer or computing)
- **Combine key concepts with AND**
- **Combine synonyms with OR and ()**
 - (cloud computing) and (security or privacy or hacking)
- **Word mine**
 - (cloud computing or remote data possession) and (security or privacy or hacking)

Draw It

Circle the keywords you would use for your database search.

**Is gaming an effective
tool for teaching in
post-secondary
institutions?**

Open Ended Question

gaming
teaching
post-secondary

Use our keywords to demonstrate an effective search for the database



Open Ended Question

Use our keywords to demonstrate an effective search for the data

Date	Nickname	Other	Response	Pos
09/24/2014				
09/24/2014			(gaming or (video games)) and (teaching or education) and (math or science)	
09/24/2014			+gaming +teac* "maths and sciences"	
09/24/2014			Gam* AND Teaching AND (Math* OR Science*)	
09/24/2014			(Gaming OR Games) Teach* Maths AND Sciences	
09/24/2014			gaming AND teach* AND math AND science*	
09/24/2014				
09/24/2014			games used to teach maths and sciences	
09/24/2014			Does gaming have swagga?	
09/24/2014			game method to teach	
09/24/2014			(gaming OR games) tool studying (math OR science)	
09/24/2014			gam* AND teach* AND (math* OR science*)	
09/24/2014			(gaming OR (video gam*)) (teach* OR learn*) (math AND science)	
09/24/2014			Gaming is effective tool for teaching maths and sciences	
09/24/2014			"Gaming teaching maths AND sciences"	
09/24/2014			teaching education	

8/12

Open Ended Question

Type in your group`s search and the database chosen. How many results did you get? What was your date range? How many academic journals?

NEARPOD WHAT WORKED

- Polling
 - Fast and easy to share
 - Engendered discussion
- Exercises
 - quickly identify learning gaps
 - anonymous
 - allow for peer assessment
- NP slaves students' computer so they remain focused and don't wander off in random searches


NEARPOD WHAT DIDN'T

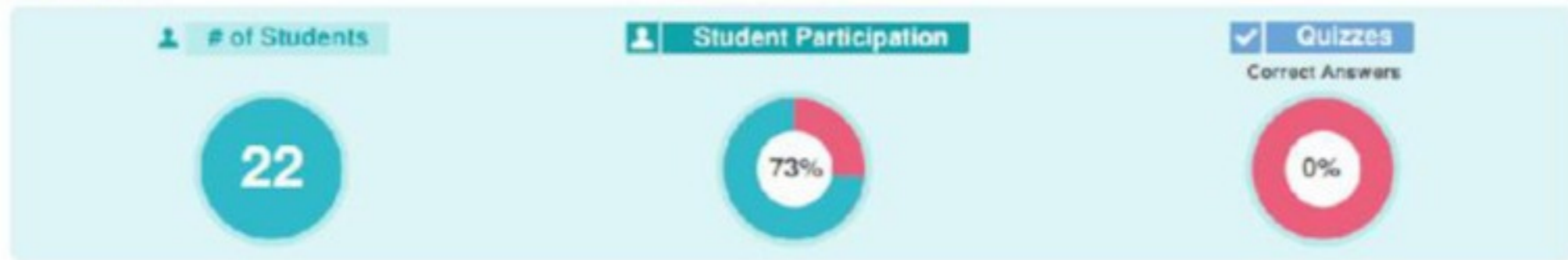
- Difficult in large classrooms
- Set-up
 - latecomers
- Too many activities
 - Gimmicky
 - Engagement lags
- Embedded quizzes
 - Time consuming
 - Lose focus
 - Difficult to share results
- Reliant on fast and stable WiFi




NEARPOD REPORT FUNCTION

- Downloadable
 - PDF
 - CSV
- Tracks each student
- Shows overall participation rates
- Available in free version

	Presentation comm 1007 Construction and Architect	Slides 30	Author Andrea Hall	Teacher Andrea Hall	Date 10/22	Time 08:55
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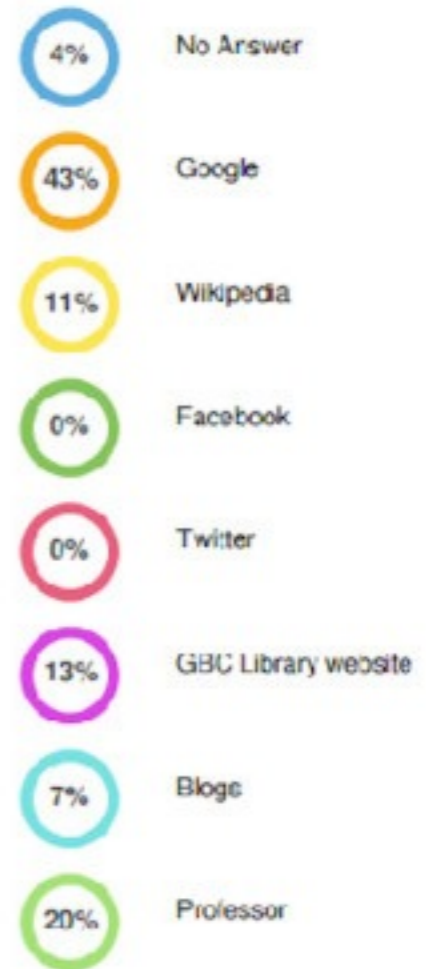


 Student List


#	Nickname	Other	Poll	Open Ended	Quiz	Draw It	#	Nickname	Other	Poll	Open Ended	Quiz	Draw It
1			100%	60%	-	100%	2			100%	60%	-	100%
3			100%	80%	-	100%	4			60%	50%	-	100%
5			0%	0%	-	0%	6			100%	60%	-	100%
7			100%	40%	-	0%	8			100%	50%	-	100%
9			90%	60%	-	100%	10			100%	60%	-	100%
11			100%	80%	-	100%	12			100%	50%	-	100%
13			100%	40%	-	100%	14			100%	80%	-	100%
15			50%	20%	-	0%	16			100%	50%	-	100%
17			100%	40%	-	100%	18			40%	50%	-	100%
19			50%	60%	-	100%	20			80%	50%	-	100%
21			100%	60%	-	100%	22			100%	60%	-	100%

Poll Where do you go for research information?^{to research and gain information}

Date	Nickname	Other	Response	Poll State
10/22/2015			Google, Wikipedia	
10/22/2015			Google, Wikipedia, Professor	
10/22/2015			Google, GBC Library website	
10/22/2015				
10/22/2015				
10/22/2015			Google, Blogs	
10/22/2015			Google, Professor, Friend	
10/22/2015			Google, Blogs, Professor	
10/22/2015			Google, Wikipedia	
10/22/2015			Google	
10/22/2015			Google, GBC Library website, Professor	
10/22/2015			Google, Wikipedia	
10/22/2015			Google, Wikipedia	
10/22/2015			Google	
10/22/2015			Google	
10/22/2015			Google, GBC Library website	
10/22/2015			Google, Professor	
10/22/2015			Google	
10/22/2015			Google, Professor	
10/22/2015			Google, GBC Library website, Professor	
10/22/2015			Google, GBC Library website, Blogs, Professor	
10/22/2015			Google, GBC Library website, Professor	



Open Ended Question Using all our keywords - build a search - remember (OR) for like terms and key concepts come together with an AND

Date	Nickname	Other	Response	Poll Stats
10/22/2015			(Wood or timber) and (Highrise or skyscraper)	 <p>32% No Answer</p> <p>68% Free Text</p>
10/22/2015			(WOOD OR TIMBER) AND (HIGHRISE OR MULTISTORY)	
10/22/2015			("wood" or "timber") and ("high rise" or "skyscraper" or "multi story" or "tall building")	
10/22/2015			is timber. wood a good idea to use for skyscraper, high rise multistory tall building ?	
10/22/2015			wood or timber and towers or condominiums\	
10/22/2015			(wood or timber) and (high rise, skyscraper, multistory, tall building)	
10/22/2015			wood or timber high rise or skyscraper multistory or tall building	
10/22/2015			(Wood or timber) and (high rise or multistory)	
10/22/2015			(Timber or Wood) and (high rise or skyscraper or multistory, tall building)	
10/22/2015			Wood (timber) High rise (skyscraper or multistory or tall building)	
10/22/2015			Timber and high rise Or (skyscraper) Or (Multistory)	
10/22/2015			Lumber and high rise	
10/22/2015			Wood and tall building	
10/22/2015			should wood be used to build high rise	

NEARPOD Faculty Feedback

- **Engagement**

“The students last semester told me using Near pod kept them engaged and it actually made them pay more attention.... I think it also served to **break down the barrier** that can exist when students hear the word "**library**"...definitely made the idea more **accessible** for them.”

“In the sessions when Nearpod is used, I find student **engagement to be much higher** than usual. I think that by having **the material directly in front of them**, students are more apt to pay attention. Engagement levels also remain higher than usual because students **look forward to seeing things like pie charts illustrating data from polls** you can create in Nearpod. In all honesty, **professor engagement is heightened as well!**”

- **Peer Review**

“It was possible to publicly and anonymously go over each students' search terms, etc. I liked how each student could receive individual **feedback immediately**, and other students could **learn from the comments provided to each of their peers** (by both facilitator and student). ”

NEARPOD Faculty Feedback

- **Student Learning**

"I've noted that Nearpod, because of its interactive features, ensures **students engage with the learnings tasks much more effectively**, which definitely has an impact on the skills they retain. For instance, one of the exercises they're led through is creating search strings to use in databases, and I find that a combination of Nearpod being a tool that requires participation and the exercise of actually working through creating a search string, **students retain that skill really well.**"

"I liked how there was a **level of accountability** (for the both students and instructor) to practice the research skills demonstrated in the tutorial.... Although it was not possible to go over every student's answer in the larger session, there was still an accountability not found in the traditional tutorial."

- **Issues**

"The only thing that I've noted is that it can prove to be a **messy start to the session**, especially because students arrive late and need to be caught up."

"I would say that for some students (particularly my ESL students), the **pace was challenging** at times."



NEARPOD SESSION ASSESSMENT TOOLS

- Currently employ very few assessment tools for our IL classes
- Basic open ended question
- Exploring more robust pre and post assessment potential

Open Ended Question

Name one thing you learned about the library today.

Open Ended Question

Tell me one thing you still need to know

NEARPOD NEXT STEPS

- Build in assessment of learning outcomes
- Flipped Classroom
 - Work with professors to integrate IL assignments using homework function
 - Embed or link to Nearpod session
 - Include instructional videos
- Integrate with LMS

Poll

Do you think Nearpod could be an effective tool in your IL classes?

YES

MAYBE

NO WAY I HATED YOUR SESSION



Enhancing Student Engagement using Nearpod

Thank you!



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