Gamification Assessment Summary--Students

This report summarizes the data collected in a variety of library instruction sessions conduction during 2016-2017. Opinio, a survey instrument, was used to collect comments from the students at the end of the class session using gamified activities for 50 to 100 per cent of the instruction. The data comes from some variation of the Research Game, the Searching Game including Evaluation, and the Kahoot Library Research Game. In all cases, the "game" was the entire instruction session.

Research Game		Searching Game		Kahoot Library Research	
# of classes	# of students	# of classes	# of students	# of classes	# of students
4	44	2	20	2	13

All students in all classes were asked the following questions:
- What was difficult about the game?
- How would you improve the game?
- What was fun about the game?

In addition, each game has some specific additional questions

Research Game
- What specific thing/activity did you find most useful and why?

Searching Game
- Name 2 things you have learned while playing the game today?
- What specific thing/activity did you find most useful and why?

Kahoot Library Research
- What specific thing/activity will you use in the future and why?
- What would you have liked to learn about that you didn't?

Sample comments are provided for each of the questions.

Sample Comments: What was difficult about the game?	
Research Game	Navigating through the programs The most difficult part of the game was interacting. It was hard to have a discussion about some of the topics with only two people. Starting a document about my research. Instructions regarding players and their duties phrasing was difficult. Some of the directions were a bit difficult in the game. The questions were a little hard. Nothing at all Trying to keep up with the work. Figuring out how it worked. Figuring out what some of the questions were asking us to do. Figuring out how to click on the links Getting the hang of the game. Everything Keeping track The realms part Learning how to properly cite. Short time period The short time and understanding exactly what was wanted. Understanding instructions What was difficult about the game was that we had to work against a clock.
Searching Game	The time frame was the most difficult part of the game. Understanding the rules. Trying to find the right article Finding the right resource. Finding certain sources from the slips. Personally, finding an article myself and arguing about it was the most difficult part of the game. The instructions were confusing. What was difficult about the game was trying to get everything done in a certain amount of time

Sample Comments: What was difficult about the game?	
Kahoot Game	More than one answer being right Nothing was difficult it was fun Time Kinda hard to see the questions and answers That it timed. Some answers seemed similar and made it seem like there was more than one answer right with each question The thing that was most difficult about the game was that some question had some answers that didn't make sense.

Sample Comments: How would you improve the game?	
Research Game	Nothing I like the game the way it is I would improve the game by finding a way to make the game move along faster. Maybe having groups race each other while using the search engine or something similar. I would probably remove any "Go Back" spaces. Change the game entirely to help with typing and grammar things relevant to English 110 As said before make certain vague things a little more specific. I would improve this game by making the directions easier to understand I wouldn't it was fun. (there were a few typos) Lower the number of questions. This game doesn't need improvement. I would like if the boards were more colorful and maybe some pictures so that way we are more interested in this career game. Make simpler assignments on the game and a better board! Make the directions easier to understand. Maybe helping each other out. More simple playing instructions. Make it more interesting, not so many rules because they were so confusing Win prize at the end of the game to whoever has the most points at the end. Maybe if there were instructions that would be cool and more helpful I would put some simple questions that makes sense Make it more interactive and more talking situations! Slightly longer time periods for play. make sure everybody understands the rules before starting Elaborating the rules in the beginning

Sample Comments: How would you improve the game?	
Searching Game	Everything was great experience I couldn't really think of a way to improve the game. I thought the game was great. I like the timer and the point system! I don't believe there is room for improvement. I would improve the game by maybe increasing the amount of time. Only because it is hard for many to work under so much pressure. Don't know Pretty fun as is. By making the instructions clear
Kahoot Game	More time by 10 seconds. It's fine I wouldnt. I would improve the game by not having so many of them with the correct answer Make less right answers. Bigger words to be able to see. More points for streaks. Put top five with trophies. Give us more time to read and the question and answers. Extend the time on reading the question so I'm not wasting time on re-reading the question Have the answers on our personal computers rather than just the computer form the teacher. Reason being is because some kids can not see the boards. More questions is what I would do to improve the game nothing

Sample Comments: What was fun about the game?	
Research Game	Learning to use the research tools I enjoyed reading the articles I found while learning about the search engines. I felt that not knowing what space you were going to land on was kind of exiting. Frankly it felt like an academic studies class. I enjoyed being able to play a game even if it was just made. The game was fun because I got to get to know my group member and discuss our careers briefly. The interaction with our group and the helpfulness of the instructor. It kept me busy. Working together. Having to find information about our career. Interacting with each others opinions and ideas.

Sample Comments: What was fun about the game?	
	Interacting with others and hearing their opinions and ideas.
	Finding out a lot of new things about my career
	It was fun to do brain storm on how to work out on the sources to find info.
	It gave us the opportunity to learn and find resources in a group setting.
	What was fun about the game was working in a group.
	What was fun was looking for information.
	Nothing
	Collaborating with my partners.
	It was fun to work with a partner
	We got to talk to our group
	Talking to my group!
	randomness/ competiveness
	Learning new things!
	The chaos effect. There was very little time to complete the tasks searching for things
	Iit was timed so it made it more interesting
	How we got to work together and learn in a fun way of cause and effect
Searching Game	Learning and not boring
	The most fun was trying to win the prize by getting more tokens it got my competitiveness active
	Using the different databases and seeing what they pulled up.
	I liked racing against the clock!
	What was fun was winning the flash drives.
	The game was fun because it brought out the competitive side in my fellow classmates, and also taught everyone a lot
	About some amazing sources.
	That i was about to learn how to look in different places.
	The race and competition.
	Nothing at all
	Winning.
	Working with a partner
	What was fun about the game was working as a team and finding all the different sources for a topic.
	Searching stuff
	It was fun looking for the articles on the different search engines
Kahoot Game	Learning the data bases
	That we were able to see the examples of the answers Mrs. Owens showed to us.
	Learning new things
	The way it worked.

Sample Comments: What was fun about the game?	
	Points, and the speed you have helped gain points having to try and guess the right answer Its competitive The competition. The rush of what place you were in. Not knowing who was who. The whole thing was besides getting timed.

Specific Game Additional Questions	Sample Comments
Searching Game Name 2 things you have learned while playing the game today?	Reliable sources Different search engines I learned about TRAP, and also how to use different advance search engines I learned how to use the different search engines efficiently. I discovered ProQuest as a very useful search engine, and I discovered the power of different keywords. I learned how to utilize different sources that will be useful for my local proposal paper. Organizations can provide resource material aimed at helping the community, and the library has amazing resources too That their are multiple search engines that are useful and others that are not as informative as the appear to be. 1. I learned that Ebsco Host was a very resourceful search engine. 2. I learned that keywords make all the difference in the results of a search. How to use different web sources and what is a good source. Good search engines, and ways to narrow results. How to find different websites to find different articles
Searching Game What specific thing/activity did you find most useful and why?	I found that searching for random articles in the different search engines taught me how to use find great citations. How to use key words for research. I found the timed article search activity the most useful, because it made me realize that google isn't always the best source to use in terms of getting the most information. the trap card The last round script was most helpful to me. The activity that I found the most useful was the search activity because it made me look into the results. The activity that I found useful was where we used different search engines to find sources. Writing the script helps with writing in MLA style for works cited. Writing the scrips I found useful all the different places we can use for information the engines

Searching Game Has today's activities changed the way you will approach searching a topic? Explain	I will have numerous search engines that will help me write better papers with more information Today has changed the way that I search just a little bit, the new ways will be my ace in the hole as it is said Yes, I will search, broadly, on Google and go to, for example, ProQuest when and if I have more detailed info. Yes, before I would only use google or bing. Now, I will probably use all different ones. They have because now I will use ProQuest and I will try different keywords. it helped me see where is more useful then google. I may use a different search engine other than google. No, I have already utilized Google and other search engines for my classes. Today's activity was way to confusing. Yes, I hate Google now. I know what sources I'm going to use Yes, now I know how to easily search for a topic and how to find yes i will look for better info
Kahoot Library Research What would you have liked to learn about that you didn't?	I learned what i was going to ask about Nothing More about databases How to put intext citation and how to create a works cited page. How to avoid plagerism. where to find the sources of what you are quoting. I think I learned what I needed to.
Kahoot Library Research What specific thing/activity will you use in the future and why?	Use the databases more Research tools. Being able to use different ways to get information. All the research information and the fact that wikipedia is useful after all Kahoot because it seemed like a cool game to study and take a test. I will use the library catalogs more often. The library helps me research ideas and information I need. Nothing

Research Game	Career research
What specific thing/activity did you find most useful and why?	The information I learned on the search engine was valuable in learning more information on the path to my career.
	Any activity that involved searching using LIBROS, because I felt that it was a good exercise on how to use the site.
	Well the activity regarding the databases help with familiarizing myself with it.
	What I Found most useful about this game is that it teaches you how to use certain tools to find materials for papers
	I found the resources the most useful.
	I found that the information tabs were very useful. Specifically LIBROS.
	The activity I found most helpful was the brainstorming chart.
	The google research part was most useful to me because the variety that was given.
	All of the resources were very helpful
	Splitting the realms into unique categories
	The tools used to find information on the topic
	How to so a search strategy
	How to properly search for sources
	How to look at specific details of what we are looking up.
	I found learning different tools to search for research most helpful because I usually use google and look through there.
	Information about my topics because that was always the hardest for me while writing essays.
	Finding how to cite your sources