TEACHING STRATEGIC SEARCHING PRACTICES IN DISCOVERY SYSTEMS

Holly Luetkenhaus, Instruction Librarian
Washington State University

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In Defense of Discovery Systems

- First-year students *like* using discovery systems.[1]

- Discovery systems aid in learning[2]

- Teaching discovery systems also teaches strategic, flexible thinking.[3]

1. Lundrigan, Courtney, Kevin Manuel, and May Yan. "'Pretty Rad': Explorations in User Satisfaction with a Discovery Layer at Ryerson University." *College and Research Libraries* 76, no. 1 (January 2015): 43-62. doi:10.5860/crl.76.1.43

2. Cmor, Dianne and Xin Li. "Beyond Boolean, Towards Thinking: Discovery Systems and Information Literacy." *Proceedings of the IATUL Conferences.* Paper 7. http://docs.lib.purdue.edu/iatul/2012/paper7

3. Kornblau, A.I., Strudwick, J. and Miller, W. (2012) "How Web-Scale Discovery Changes the Conversation: The Questions Librarian Should Ask Themselves." *College & Undergraduate Libraries* 19(2–4):144–62.

THE FRAMEWORK

Searching as Strategic Exploration

Searching for information is often nonlinear and iterative, requiring the evaluation of a range of information sources and the mental flexibility to pursue alternate avenues as new understanding develops.

What does this mean?

- Understanding the scope of a task
- Thinking flexibly and responding to situations
- Employing multiple approaches to finding information
- Problem-solving, or, bouncing back when searches fail

Discovery systems & the Framework

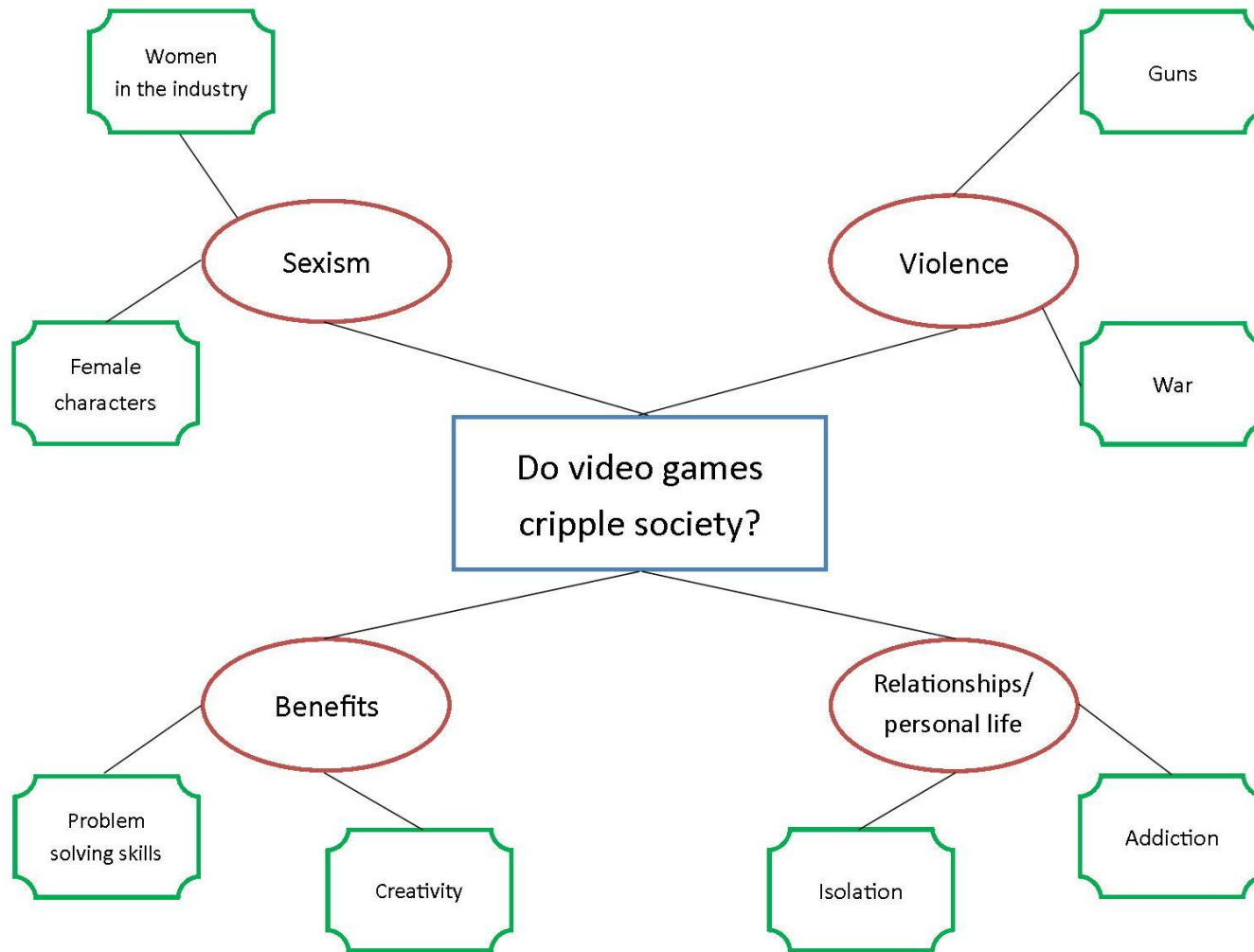Less time teaching different interfaces

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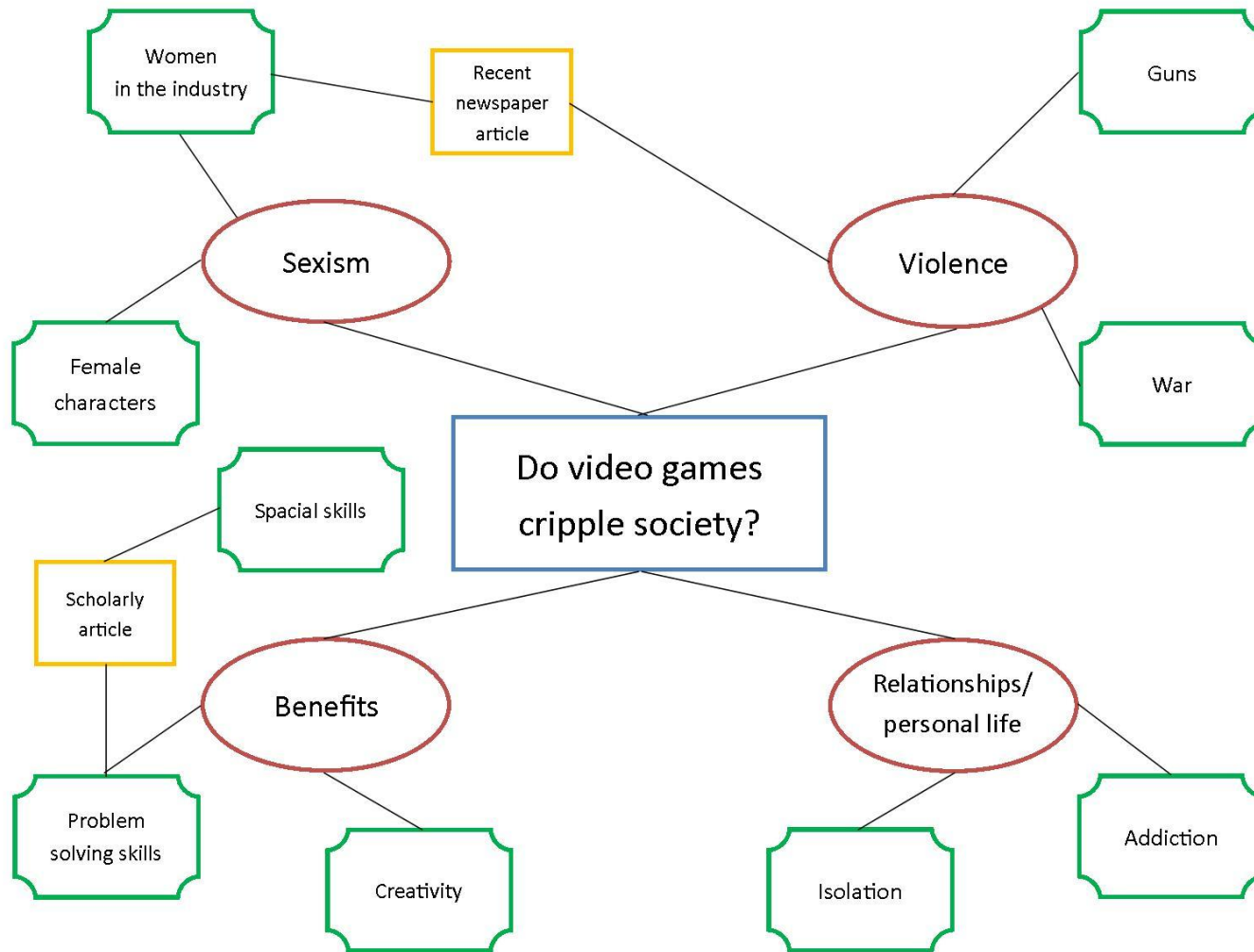Less focus on "click here" and "click there"

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More opportunities to focus on higher-level
information literacy concerns

LEARNING STRATEGY THROUGH CONCEPT MAPPING

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Slides and resources available at:
http://hollyluetkenhaus.com/2015/06/28/strategicsearching/

Questions, Comments:
holly.luetkenhaus@wsu.edu
@LibrarianHollyL

Resources

Cmor, D. and Li, X. (2012) "Beyond Boolean, Towards Thinking: Discovery Systems and Information Literacy." *Proceedings of the IATUL Conferences.* Paper 7. http://docs.lib.purdue.edu/iatul/2012/papers/7/

Hanrath, S. and Kottman, M. (2015) Use and Usability of a Discovery Tool in an Academic Library, Journal of Web Librarianship, 9(1), 1-21, doi: 10.1080/19322909.2014.983259

Kornblau, A.I., Strudwick, J. and Miller, W. (2012) "How Web-Scale Discovery Changes the Conversation: The Questions Librarian Should Ask Themselves." *College & Undergraduate Libraries* 19(2–4):144–62.

Lundrigan, C., Manuel, K., and Yan, M. (2015) "'Pretty Rad': Explorations in User Satisfaction with a Discovery Layer at Ryerson University." *College and Research Libraries,* 76(1), 43-62. doi:10.5860/crl.76.1.43

Novak, J. D. & A. J. Cañas. (2008) "The Theory Underlying Concept Maps and How to Construct and Use Them." *Technical Report IHMC CmapTools.* http://cmap.ihmc.us/Publications/ResearchPapers/TheoryUnderlyingConceptMaps.pdf

Stohn, Christine. Ex Libris Group. (2015) *How Do Users Search and Discover?.* http://www.exlibrisgroup.com/category/UserStudiesWhitePaper