

Finding space for active learning in library sessions!

LINK TO SLIDES: <https://bit.ly/2VDhR4N>

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Outline

1. Introduction to our Experience with Active learning (Céline)
2. Activities to Visualize Research - through maps & drawing (Céline)
3. Activities to Identify & Understanding Research Methods (Céline)
4. Activities to Communicate Research through Images (Doris)
5. Questions and Discussion (Doris)

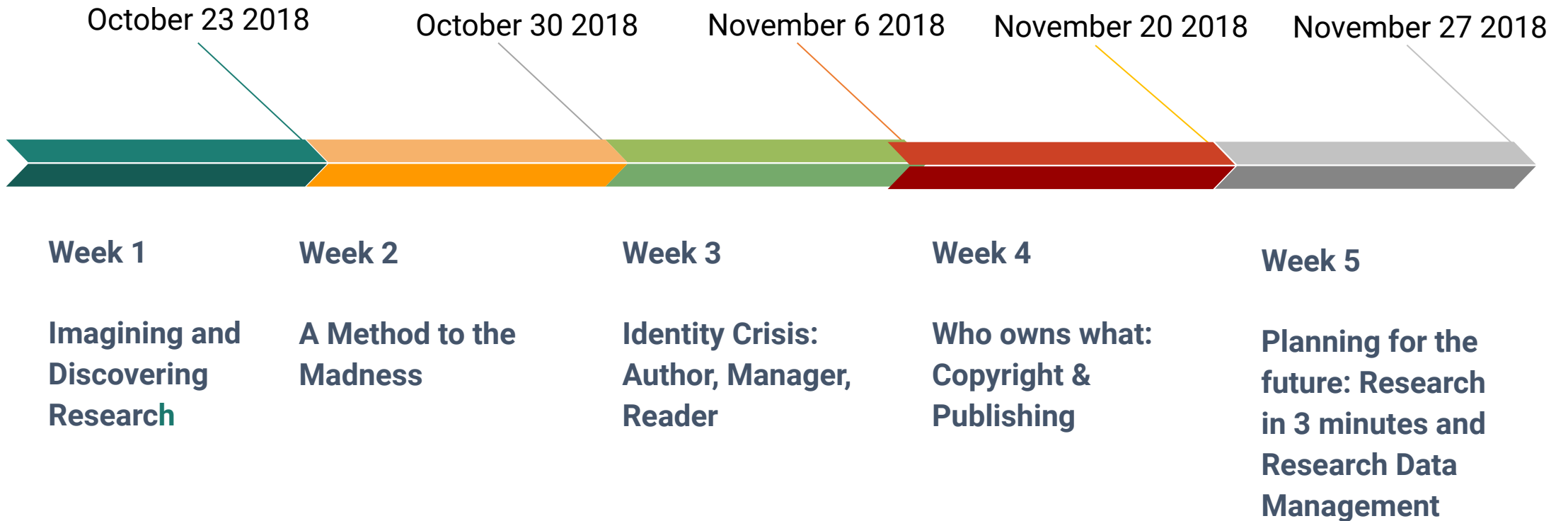
Learning Outcomes

1. Explore the contexts in which active learning methods can be beneficial
2. Understand the challenges of active learning and learn ways to address these challenges
3. Try 3 different methods of active learning and explore how they can be scalable to their specific context

1.

Introduction to our Experience with Active learning

Active Learning & MLCS 795



Challenges & Mitigations

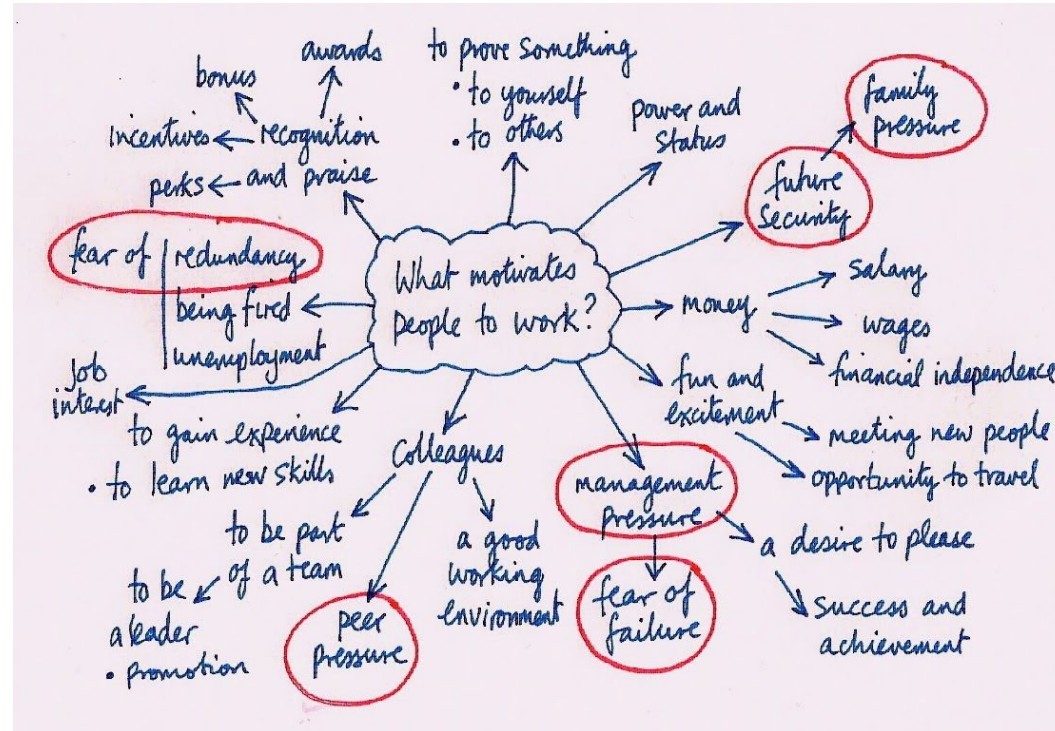
CHALLENGE	MITIGATION
Participation	<ul style="list-style-type: none">• Set the expectations in the first class• Create a motivating space in which to participate• Value & relevancy of exercises
Attendance	<ul style="list-style-type: none">• Attendance linked to passing the class• Collaboration with the department
No Assignments (all work must be done in class)	<ul style="list-style-type: none">• Trust that students will come to you with further questions• Be ruthless in cutting the sessions
You don't know how it will go until you do it	<ul style="list-style-type: none">• Be flexible & responsive• Change things up if they don't work
Amount of Preparation required	<ul style="list-style-type: none">• Collaboration with colleagues• Active learning doesn't have to be complicated

2.

Activities to Visualize Research (through maps & drawing)

Mind Mapping Exquisite Corpse

1. Who?
2. What?
3. When?
4. How?
5. Why?



<https://bebcblog.wordpress.com/2012/10/08/business-english-simulations-and-task-based-learning-startup-enterprise/>

Keyword Organizing

Keywords			
Synonyms			

Instagram Activity

1. Groups of two
2. Draw a box
3. Fill the box with images of their research topic or novel.
4. Imagine if the box was your post on Instagram - Hashtag it



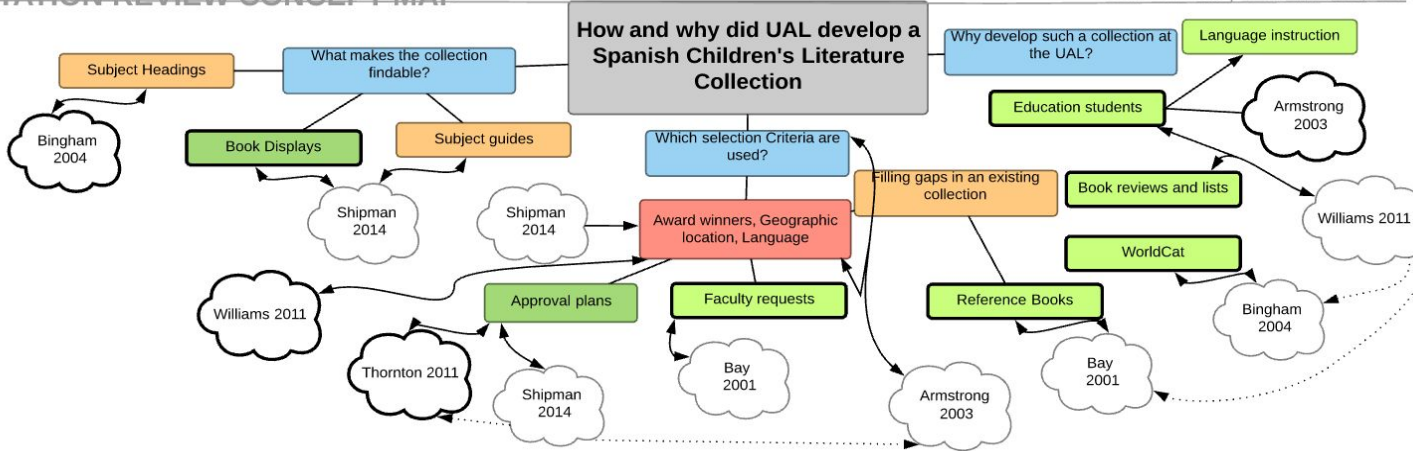
Thank you to our colleague Virginia Pow at University of Alberta who taught me this activity!

Citation Mapping

- Create a map of the various research questions you will be answering in your research.
- Under each question, list the resources that you will use to support your arguments.
- Use lines to connect authors who cite each other, thereby making the topical discourse explicit.

CITATION REVIEW CONCEPT MAP

Denis Lacroix | December 20, 2017



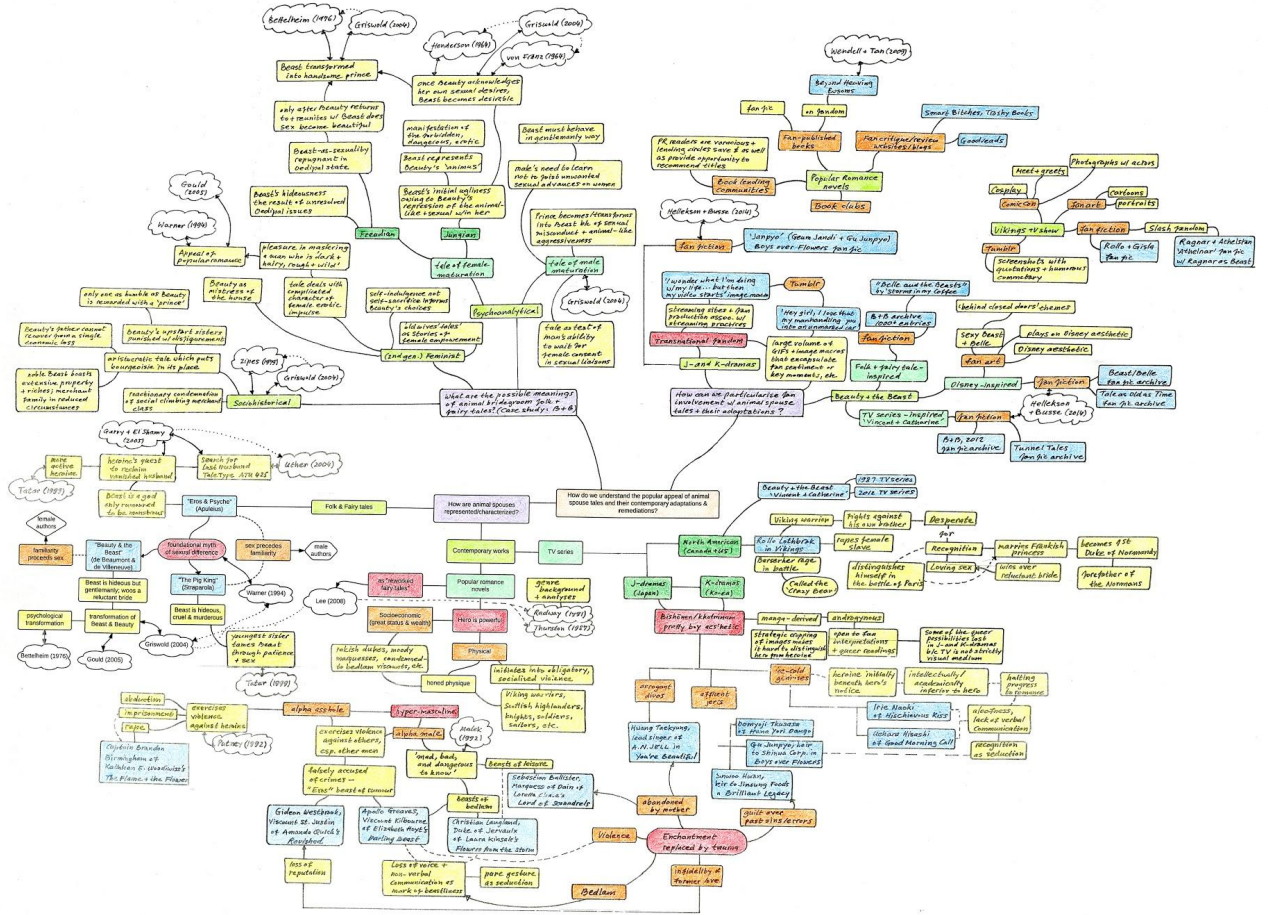
Impact:
Williams
Cites/paper 7.3
H index 5
(Publish or Perish)

Impact:
Bingham
Cites/paper 1.7
H index 2
(Publish or Perish)

Impact:
Bay
Cites/paper 3
H index 3
(Publish or Perish)

Impact:
Thornton
Cites/paper 5
H index 4
(Publish or Perish)

Impact:
Armstrong
Cited 2x
H index 2
(Scopus)



L. Guicey

Tools

- LucidCharts
- IHMC's Cmaps concept mapping software
- Mindmup
- Google slides or Powerpoint
- Or on paper!

3.

Activities to Identify & Understanding Research Methods

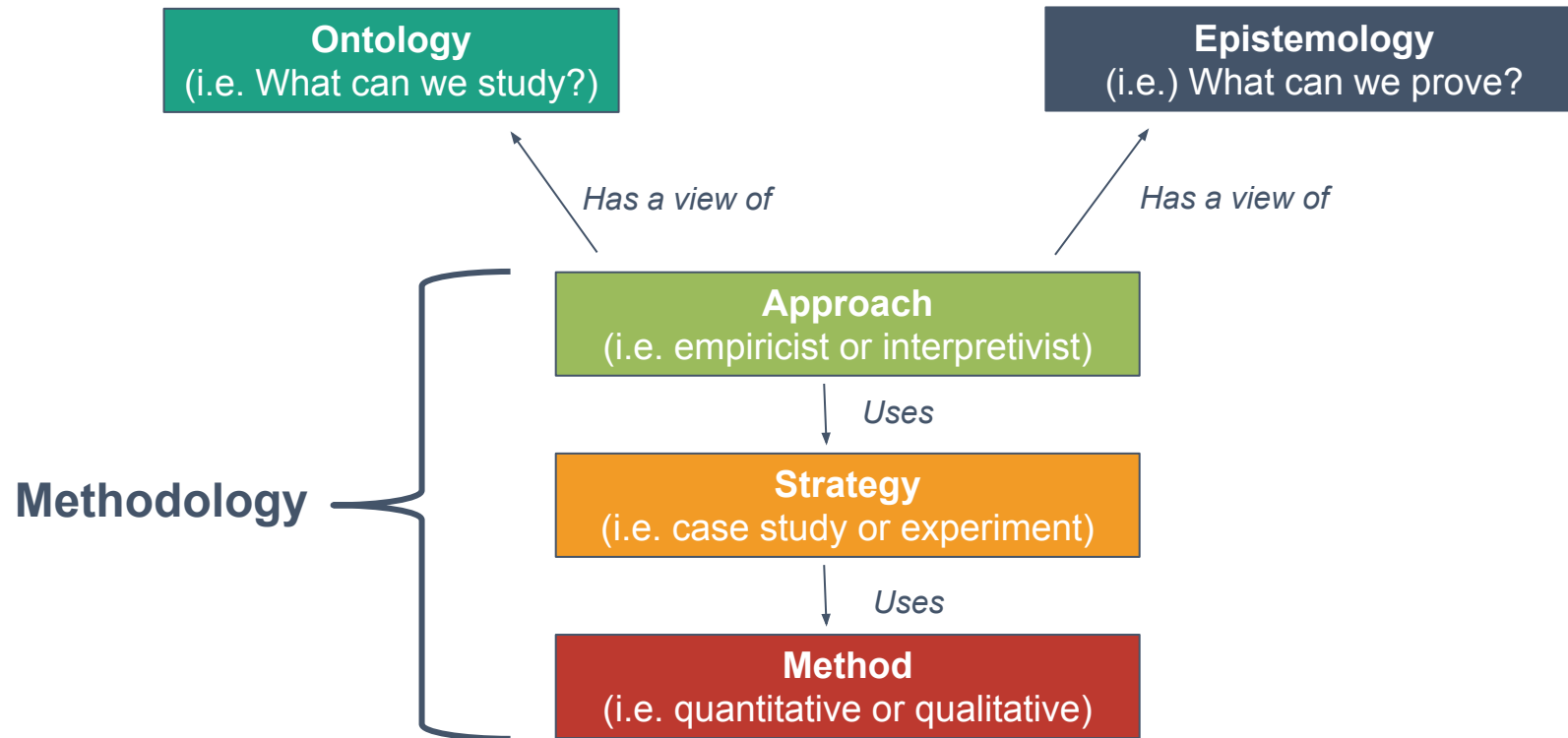
Thank you to our colleague Lindsay Johnston at University of Alberta who developed these activities!

Using ACRL's Framework

“The *Framework* draws significantly upon the concept of metaliteracy, which offers a renewed vision of information literacy as an overarching set of abilities in which students are consumers and creators of information who can participate successfully in collaborative spaces. Metaliteracy demands behavioral, affective, cognitive, and metacognitive engagement with the information ecosystem. This *Framework* depends on these core ideas of metaliteracy, with special focus on metacognition, or critical self-reflection, as crucial to becoming more self-directed in that rapidly changing ecosystem.”

<http://www.ala.org/acrl/standards/ilframework>

Contextualizing Methods



Summarized from:

<https://research-methodology.net/research-philosophy/ontology/>

Assessing Articles

1. Form small groups
2. Assess articles handed out for research methodology
3. Share
 - a. What was the general purpose of the research?
 - b. What methodology was used?

Using Sage Research Methods

<http://methods.sagepub.com/>

The screenshot displays the Sage Research Methods website interface. At the top, there is a navigation bar with the SAGE logo, the text "researchmethods", and links for "Browse" and "Research Tools". A search bar is present with a magnifying glass icon and the word "Advanced" below it. To the right of the search bar, there is a "Login: Profile" button and the "UNIVERSITY OF ALBERTA LIBRARIES" logo.

The main content area is titled "Methods Map" and includes a sub-header: "Explore the research methods terrain, read definitions of key terminology, and discover content relevant to your research methods journey". To the right of this text are three icons: a share icon, a speaker icon labeled "Accessibility Mode", and a question mark icon labeled "Help". Below this is a search bar labeled "Search the Methods Map" with a magnifying glass icon.

The central focus is a "Qualitative data analysis" section. It features a large green circle labeled "Qualitative data analysis" in the center. To its left is a purple circle labeled "Broader Terms", and to its right is a red circle labeled "Narrower Terms". Below the central circle is a blue circle labeled "Related Terms". The "Narrower Terms" circle is connected to a list of specific methods: Coding, Computer-assisted qualitative data analysis, Content analysis, Conversation analysis, Discourse analysis, Documentary analysis, Hermeneutics, Media analysis, Narrative analysis, and Phenomenological analysis. A "View More" button is located at the bottom right of this list.

Below the "Qualitative data analysis" title, there is a text box with the following content:
Qualitative data analysis
Approaches to the interpretation and understanding of material arising from the use of qualitative methods, such as transcripts from depth interviews and focus groups, fieldnotes from participant observation studies, and so on.
[Search all content on Qualitative data analysis](#)

4.

Activities to Communicate Research through Images

3 Minute Thesis (3MT)

The Three Minute Thesis (3MT™) assignment is based on the international academic competition that assists current graduate students with fostering effective presentation and communication skills. Students have just three minutes to explain the breadth and significance of their research projects to the MLCS 795 class and instructors.

- [University of Alberta Three Minute Thesis Competition](#)
- [What is a Three Minute Thesis](#)

3 Minute Thesis (3MT) Continued

Evaluation Guidelines

- [2018 3MT Marking Tool](#)
 - Comprehension & Content
 - Engagement & Communication

Images of Research



The Images of Research (IOR) competition is an opportunity for current University of Alberta graduate students from all disciplines to capture, share, and present the essence of their research in one image.

Photo by Ulan Photography

Ice Breaker Activity (3 MT Inspired)

Name of Student: Doris

Your image representing your research



Photo by [Pexels](#) licensed under CC0

I am studying...

How early career librarians in academia should/ have to publish/ present but can find it challenging to do so.

because I want to find out...

(who/what/when/where/whether/why/how)

Are there ways for early career librarians to connect with each other or more seasoned professionals to help them publish/ present?

in order to help my reader understand better...(how, why or whether)

What are the pressures to publish/ present? How to best succeed.

Ice Breaker Activity (3 MT Inspired)

Now it's your turn! Find a single image that describes your research or your work.

- Share it on Twitter #WILU3MT
- Here are some Open Access Image Sources to assist you:
 - Pixabay - <https://pixabay.com/>
 - Pexels - <https://www.pexels.com/>
 - Unsplash - <https://unsplash.com/>
 - Commons: Free media resources/Photography - https://commons.wikimedia.org/wiki/Commons:Free_media_resources/Photography
 - Flickr Creative Commons Search - <https://www.flickr.com/search/advanced/>
 - Creative Commons Search - <https://search.creativecommons.org>

5.

Questions and Discussion

Any Question?



What learning activity will you be bringing back to your work and how?

What active learning activities do you use and want to share?

What is your biggest takeaway
from this workshop?

Thanks!

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