It's a MIRO-cle!

Using Miro as a Tool to Enhance Communication and Collaboration in Online Teaching

11 Mar (Thu) 12:45pm - 2pm Conducted via zoom
At the end of this workshop...

✗ 3 affordances of using technology for collaboration
✗ 2 ways of using online whiteboard platform to enhance collaboration
Some reminders...

✗ Don’t sit on the fence... **participate**!
✗ I do not have all the answer... but collectively, **we can find it**.
✗ If you have any questions, **raise your hand or post it in chat**
Affordances of Computer-Supported Collaborative Learning

Jeong & Hmelo-Silver (2016)
Affordances

Building Communities
Learners may experience difficulty with finding and learning about collaborators.

Communication
This is often not a problem in face-to-face collaboration, but become an obstacle when learners are distributed.

Sharing resources
it is not always easy to share resources with one another. Especially when students are distributed.

Monitoring and regulation
monitoring and regulating collaborative processes on their own is important.

Engaging in co-construction
Processing collaborators’ contribution is important.

Engaging in productive processes
Learner may collaborate, but their interaction may be unproductive.
Affordances

Engaging in productive processes
- Pre-organized input areas and message labels
- Message starters, sentence prompts, and question stems

Engaging in co-construction
- Tangible technologies and shared interfaces
- Joint workspaces (as well as or instead of private workspaces)

Sharing resources
- Communication technology, data repository, websites
- Digital concept map of partner’s meta-knowledge
- Annotation tools
Why use an online collaboration platform? And why Miro?
“Technology has made it possible for students to interact with other learners located in geographically distant areas”

Jeong & Hmelo-Silver (2016)
What are the collaboration tools that you use?
## Common Collaboration Tools

<table>
<thead>
<tr>
<th>Tool</th>
<th>Text</th>
<th>Video</th>
<th>Feedback</th>
<th>Presentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Google Docs</td>
<td>✅</td>
<td>as a hyperlink</td>
<td>mostly text</td>
<td>linear (per page)</td>
</tr>
<tr>
<td>PowerPoint (Cloud)</td>
<td>limited</td>
<td></td>
<td>mostly text</td>
<td>linear (per slide)</td>
</tr>
<tr>
<td>Discussion Forum (Moodle)</td>
<td>✅</td>
<td>✅</td>
<td>both text and multimedia</td>
<td>linear (per thread)</td>
</tr>
</tbody>
</table>
MIRO EXAMPLE...
Other collaboration tools like Miro

- Mural
- Concept board
- Lucid spark
- Aww boards
How can Miro support collaboration?
Familiar with this tool? 

**THE WHITEBOARD...**
WHITEBOARD FOR...

Poster presentation?
Solve for $x$

\[4x^2 - 3x + 1 = 0\]
WHITEBOARD FOR...

Design thinking?
Scenario

Let say you have a common core course about science and health, and at the end of the semester you will ask your students to make a poster regarding COVID vaccination.
Class collaboration

Where do you want to travel?
GROUP COLLABORATION

How can we reach herd immunity?
Facilitators

Donn  Michelle  Simon  Tracy
Other use cases for collaborative whiteboard platform?
For an activity...
For a series of class work...
For class portfolio (with 2 instructors)
**Affordances**

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One last thing...
“One thing I personally like about Miro is the ability to embed resources through <iframe>”
Feedback and survey

You can embed surveys in Miro for private peer feedback
Thanks!

Any questions?

You can find me at:

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