Engaging Instruction with Microsoft Surface Hubs in the Classroom

OHECC

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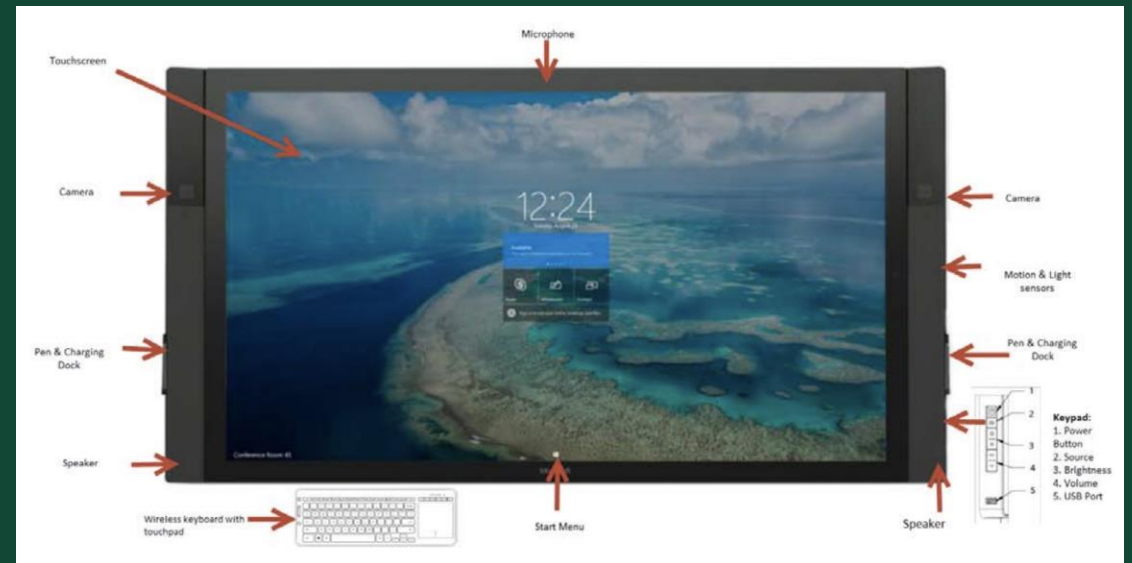
Ohio University

Why?

- Interaction with online and physical presence
- Classroom complexity
- Interaction
- Engagement
- Cost

Surface Hub

- 50-inch version
- Touchscreen
- Teams
- Whiteboard
- Office 365 Integration
- Maps
- Video
- Web

Pilot Study

- 15 faculty and tutors: variety of disciplines
- Variety of learning spaces
  - 29 Park Place, Academic Engagement Center
  - Academic and Research Center, 321
  - Seigfred Hall, 540
  - Gordy Hall 305
  - Academic Advancement Center, Alden Library

Support

- Training session
- Support throughout
- Regular check-ins
- Post interviews

Activities

- Language instruction
- Engineering
- Architecture
- Academic tutoring

- Meetings - Teams
- Collaboration – Whiteboard, Office 365
- Brainstorming
- Notes
- Dragging, rotating, coloring and adding notations collaboratively.
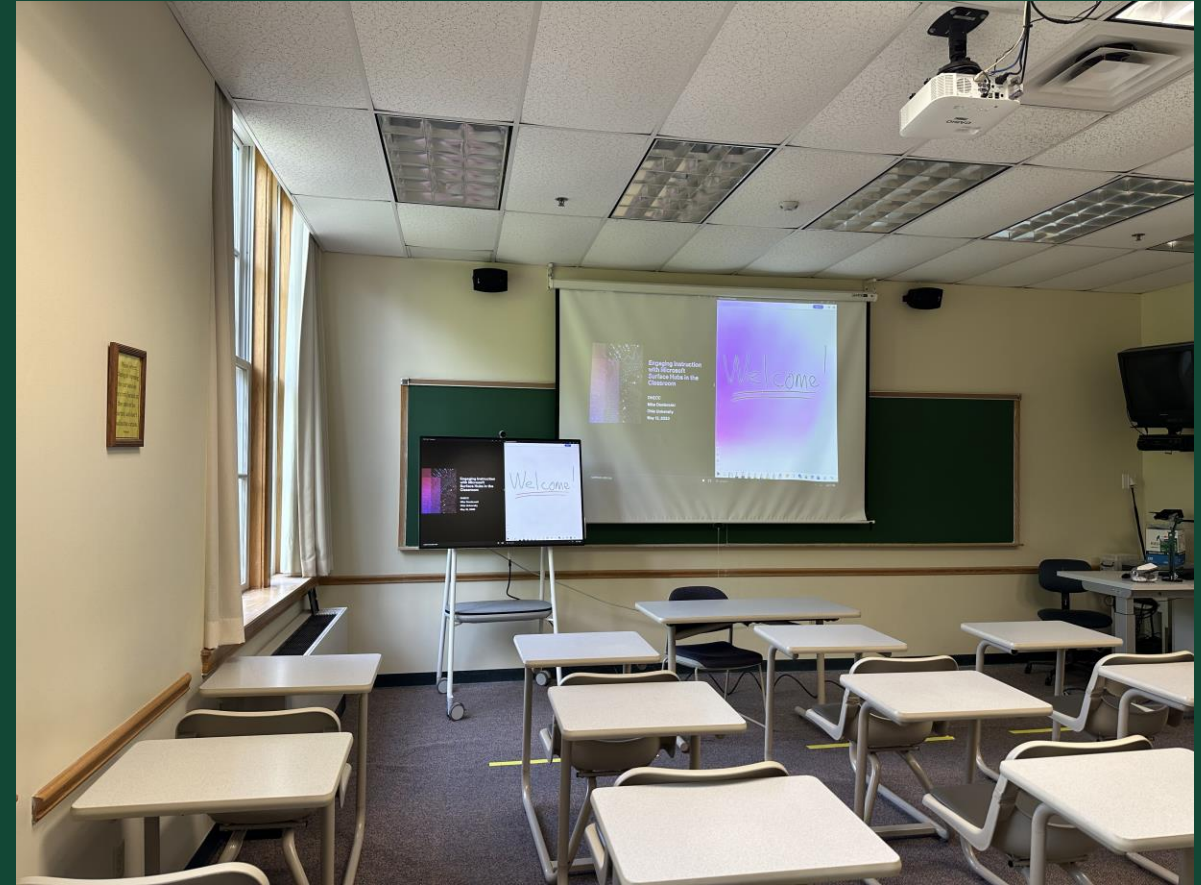- Presentation, such as annotation, zooming, swiping to the next slide

What Went Well

- Reported engagement with all students – demonstrating and guiding
- Documents sharing
- Full object capture in room – Swahili dress, dancing
- Easier engagement vs. usual classroom set-up
- Intutitive to use
- Audio or oratory
- Size sufficient

Issues

- Authentication
- Room dimensions
- Teams – chat function
- Whiteboard experience – currently different across devices
- Teams functionality (Teams Classes)
- Pen/stylus
- Surface Hub and classroom computer
- External devices

What's Next?

- Working on better integration with classroom projection system
- Continue to support the ones we have as experimental
- Some departments have purchased on their own or are considering purchasing
- Future possibility of more integration as product develops

Questions?

Resources

- https://support.microsoft.com/en-US/surface-hub

- https://www.microsoft.com/en-us/videoplayer/embed/RE46OFW

- https://www.microsoft.com/en-us/surface/business/resources

- https://www.cdw.com/content/cdw/en/articles/digitalworkspace/finding-niche-microsoft-surface-hub-part-1.html

- https://www.microsoft.com/en-us/microsoft-365/blog/2021/06/17/new-hybrid-work-innovations-in-microsoft-teams-rooms-fluid-and-microsoft-viva/?culture=en-us&country=US

- https://www.youtube.com/c/MicrosoftWhiteboard/videos

- https://techcommunity.microsoft.com/t5/microsoft-365-blog/welcome-to-the-new-whiteboard/ba-p/2779824

- https://techcommunity.microsoft.com/t5/microsoft-365-blog/bg-p/microsoft_365blog

Thank You!

- https://bit.ly/41xfnmv

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