NITOP 2020 Participant Idea Exchange (PIE)
Exploring the Realities of Departmental Tablet Adoptions for Classroom Use

Technology-supported pedagogy is popular in higher education as a means to enhance student engagement and promote meaningful student learning during class instruction. This participant idea exchange will specifically focus on the classroom use of iPads or other tablet devices as a high-impact practice, highlighting the benefits and drawbacks of their use. We plan to explore: 1) the logistical and practical realities of departmental investment in iPads or similar tablet devices, 2) the effectiveness of various tablet apps for student and/or instructor use, and 3) the conditions under which using tablets promote meaningful learning, including how to best capture what students are learning.

Questions we will explore as part of our PIE:

- Are you currently using iPads or other tablet devices in the classroom? If so, what are some administrative/management issues you've experienced in utilizing tablets for classroom use? Specifically, what are the benefits and drawbacks of departments investing in tablets?

- What apps are effective/ineffective for student and instructor use?

- What student learning outcomes do tablets allow us to capture, and how can we best capture these outcomes?

Additional Resources

- Apple teacher training and resources: https://www.apple.com/education/apple-teacher/

- Harnish, R. J., Bridges, K. R., Sattler, D. N., Signorella, M. L., & Munson, M. (Eds.). (2018). The Use of Technology in Teaching and Learning. Retrieved from the Society for the Teaching of Psychology web site: http://teachpsych.org/ebooks/index.php

Recommended Tablet Apps for Classroom Use

App	Functionality	Cost	Course Design & Management	Collaboration & Project Creation	Engaged Learning
Apple suite of apps *	Create audio, videos, infographics, presentations, spreadsheets, notes, etc.	Free (w/ Apple account)	✓	✓	✓
Microsoft suite of apps △	Create audio, videos, infographics, presentations, spreadsheets, notes, etc.	Free (w/ institution access)	✓	✓	✓
3D Brain	Learn structure, physiology, and research about the brain	<$1.00			✓
Adobe Spark (Page, Post, Video)	Create videos, webpages, infographics, animations, etc.	Free	✓	✓	
Brainapse	Learn structure, physiology, and research about the brain	<$2.00			✓
Canva	Create presentations, posters, infographics, resumes, etc.	Free	✓	✓	
Doceri	Create interactive whiteboard and recorded presentations	Free	✓	✓	✓
FlipGrid	Record & upload video, link to QR codes for AR sharing	Free	✓	✓	✓
HP Reveal	Record & upload video, link to QR codes for AR sharing	Free	✓	✓	✓
Socrative	Create and implement formative assessment during class time	Free	✓		✓

* The Apple suite of apps includes: Clips, GarageBand, iMovie, Keynote, Notes, Numbers, & Pages
∫ The Google suite of apps includes: Docs, Forms,
△ The Microsoft suite of apps includes: Excel, OneDrive, OneNote, PowerPoint, Sway, Sheets, Word

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