

SAY NO TO BYOD

School-Provided Mobile Devices in the Classroom

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INTRODUCTION AND OVERVIEW



OVERVIEW

- **Introduction**
 - **Stephen Michaud**
 - **Past and Present**
- **Mobile Devices in the Classroom**
- **Why not BYOD?**
- **Options Today and the Future**
- **Opportunities**
- **Challenges**



CHALLENGES WITH BYOD



CHALLENGES WITH BYOD DEVICES IN THE CLASSROOM

BYOD

- Homogeneity
- Equity
- Privacy



CHALLENGES WITH BYOD DEVICES IN THE CLASSROOM

General Mobile

- Cost of learning materials and applications
- Longevity of learning materials and applications
- School Infrastructure



OPTIONS



TODAY...

- Chromebooks
- Tablets
- Pros
 - Available
 - Somewhat easy to use
- Cons
 - Expensive
 - Designed as home devices



FUTURE...

- Inspired by the “desk” from the science fiction classic Ender’s Game
- Purpose built device
 - Little to no local storage – cloud computing devices
 - Teacher Controls
 - Take advantage of new innovations
 - Roll-able screens
 - Transparent screens



CLOUD COMPUTING

- Microsoft 365
- Google Apps
- Publisher materials
- Virtual Worlds
 - Prodigy
 - Among Us



OPPORTUNITIES AND DRAWBACKS



OPPORTUNITIES

- Virtual opportunities
- Personalized learning
- Expanded digital literacy



DRAWBACKS

- Educator Education
- Universal Commitment
- Cost



CONCLUDING REMARKS



REFERENCES

- Attewell, J., Blanska, A., and Ayre, J. (2015, October). *BYOD - A guide for school leaders*. Future Classroom Lab. https://fcl.eun.org/documents/10180/624810/BYOD+report_Oct2015_final.pdf
- Campbell, C. (2018). *Mobile Technologies and Mobile Learning: Critical Issues*. Technology and the Curriculum: Summer 2018. <https://techandcurriculum.pressbooks.com/chapter/critical-issues-with-mobile-technologies/>
- Lieberman, M. (2019, February 27). *Students Are Using Mobile Even If You Aren't*. Inside Higher Ed. <https://www.insidehighered.com/digital-learning/article/2019/02/27/mobile-devices-transform-classroom-experiences-and>
- Lynch, M. (2017, May 19). *Do Mobile Devices in the Classroom Really Improve Learning Outcomes?* The Tech Edvocate. <https://www.thetechedvocate.org/mobile-devices-classroom-really-improve-learning-outcomes-2/>
- Desk|Ender's Game Wiki*. Ender's Game Wiki. Retrieved April 2, 2021, from <https://enderverse.fandom.com/wiki/Desk>





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