

BRING YOUR OWN DEVICES:

OPPORTUNITIES AND CHALLENGES

Corin Richards, Administrator for Instructional Technology
Beaverton School District
Rebekah Jacobson, Attorney
Garrett Hemann Robertson P.C.



CANDIDARTIST.COM
WE DON'T WANT ANYMORE FROM
JUST BLURRY TEXTS

Agenda

- ① Definitions
- ① Opportunities
 - Acquisition of modern skills
 - Instruction on appropriate use
- ① Challenges
 - Equity in access and resources
 - CIPA/COPPA/FERPA considerations
 - Cyberbullying, virtual cheating, theft
 - District's network & staff capabilities



Definitions

● Social media: applications enabling exchange of user-generated content.

- Facebook
- Twitter
- Edmodo



Definitions

- Mobile technologies: hand-held devices with internet connectivity.
 - iOS and Android smart phones: iPhone
 - Tablets: iPad, Samsung Galaxy
 - E-readers: Kindle Fire, Nook



Definitions

- ◎ BYOD= Bring Your Own Device
 - Allowing student-owned devices to supplement school-purchased technology to help cut costs and take advantage of technology's learning benefits.



HB 2426 (2013)

- ◎ School Boards must adopt policies effective the 2014-15 school year stating:
 - Students may be allowed to use personal electronic devices that support academic activities and independent communications.
 - Unless otherwise specifically prohibited by the policy, students may not be denied the opportunity to use a personal electronic device that supports academic activities and independent communications.
 - OSBA Sample Policy JFCEB [Ver. 1](#), [2](#) & [3](#)
- ◎ HB 2426 also requires districts that implement curriculum which integrates or includes technology, to grant access to these materials free of charge. “Granting access” means:
 - Allowing students to download programs, applications or materials onto their own personal devices free of charge;
 - Purchasing programs, applications or materials for students to download to their own personal devices; or
 - Providing a school-owned device that includes or provides access to the programs, applications or materials used in the curriculum.

HB 2426 (2013)

- ◎ Districts can still prohibit:
 - (a) Telephonic or electronic communications during regular school hours or during school events if the communications are not related to academic activities or independent communications;
 - (b) Communications using access to social media or to nonacademic sites during regular school hours or during school events;
 - (c) The use of personal electronic devices for any purpose that does not support academic activities or independent communications; or
 - (d) The use of personal electronic devices for entertainment purposes.

- ◎ Requires annual professional development for staff who support students with a print disability and, when adopting a list of textbooks and other instructional materials, consideration of the availability of the textbooks and other instructional materials through online resources for students with print disabilities.

Opportunities



Acquisition of Modern Skills

- Choosing the right tool for the job
- Technology for solving problems and making decisions
- Improving preparation for real world experience
- CCSS requires authentic experiences with technology

Source: *Making Progress: Rethinking State and School District Policies Concerning Mobile Technologies and Social Media*, CoSN's Participatory Learning in Schools: Policy & Leadership initiative (2011).

Digital Citizenship

- ◎ Engage school community in conversation regarding acceptable use and digital citizenship
 - Recipients of eRate funds must have an Internet Safety Program in place
 - Allows students to learn about social media and device use in supervised environment

Acceptable Use Policy

- Revise to remove bans on use of personal devices and social media.
- Draft “Responsible Use Policy” instead, emphasizing education and student’s responsibility for safe use of the internet.
- Parent and community education about how devices are used in school for learning

Equity

- Ability to provide consistent, quality devices for **all** students
- Helping families without consistent home service access the Internet



Challenges



Federal Alphabet Soup



- ◎ COPPA

- Children's Online Privacy Protection Act

- ◎ CIPA

- Children's Internet Protection Act

- ◎ FERPA

- Family Educational Rights and Privacy Act

Same Issues, New Forum

- ◎ Cyberbullying and digital cheating
 - Both are already addressed in existing district policy or in codes of conduct.
- ◎ Poor judgment related to online information sharing



Theft

- ⦿ Enforcement of existing code of conduct
- ⦿ Parent education about preventative measures
 - Parent contract and hardware use policy
- ⦿ Shift culture about learning and devices
- ⦿ Self-insurance through fees and fundraisers
- ⦿ Create deterrents for selling devices
- ⦿ Tell people it's been sneezed on



Bandwidth: Network & Staff

- Can the District's network handle additional devices simultaneously?
- Does the District have enough FTE in its IT department to handle additional devices?
- Will enough training be made available to both students and teachers to avoid instructional time being overrun by tech issues?

Logistics

- How will students charge devices?
- How will devices be secured (lunch, tests, sports)?
- How will the District's network be protected from viruses and malware?
- How will you monitor internet usage?

Changing Culture

- ⦿ Expose policymakers to pilots
- ⦿ Create flexible policy, specific procedures
- ⦿ Update contradicting policies (e.g. cell phone bans)
- ⦿ Teacher-by-teacher
- ⦿ Administrators as conduits for change
- ⦿ Communication with parents: [Parent PDF](#)

Community Conversations:

- Trying to cram technology into a traditional model of education?
- Teachers are learning right along with kids
- Assurances:
 - Dispelling fear, uncertainty, and doubt
 - Help us educate children through resources
 - Student safety
 - Communicate plans and dreams early on
 - Provide forum for parents to voice concerns
 - Be public about how you're teaching citizenship
 - Provide families resources for conversations

Resources

- [BYOD Toolbox: http://www.k12blueprint.com/byod](http://www.k12blueprint.com/byod)
- Eric Sheninger Resources/Examples:
 - [Pinterest Board Resource](#)
 - [Sample BYOD Use Policy](#)
 - [BYOD Waiver Example](#)
- Todd in Texas has been through this journey - [@techninjatodd](#)
- “Unofficial” Archdiocese of Portland Policy with BYOD Addendum - <http://goo.gl/9YQ0Iz>
- Internal Insurance Policy from St. Clare - <http://goo.gl/92rw5Z>
Alternate Insurance options - <http://www.squaretrade.com/product/ipad-warranty>,
<http://www.worthavegroup.com/product/ipad-insurance>