Privacy, Security, and Usability

Building Consensus and Minimizing Risk

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Hello! I am...
...and you are?
What Constitutes Risk?

- Data Collected?
- Who Accesses (in school and outside school)?
- Who Uses?
- Sharing?
- Interactions?
- How Long Is Data Stored?
- How Critical is the App?
- How Critical is the Data?
- There are other factors - this is a short list

What is Your Context?
As a school, where are you?

- password managers or post-it notes?
- what files get opened without question (send a gif in an html file with a tracking pixel)?
- how is student data transferred?
- how many of your staff could encrypt a USB key?
- breach plan?
Who Chooses Educational Software?

- What does review currently look like?
- Is there a process in place?
Building Consensus
Who Determines What Training Is Needed?

- What is the process for discussing needs related to data handling?
- How are needs assessed?
- What does “success” look like?

http://decentsecurity.com/#/how-you-get-infected/
Security and Privacy and Usability
Easy, Useful Tools

- Privacy Badger: https://www.eff.org/privacybadger
- Firebug: http://getfirebug.com/
- Spoof MAC address: https://github.com/feross/SpoofMAC
- Browser info: http://webkay.robinlinus.com/

* Needs some background info/setup
Review Terms - the Quick Version

- Use the browser’s “Search” feature
  - Search terms: change, changes to, notice, notification
  - Search terms: Business transfer, acquire, transfer, bankrupt
  - Search terms: personal information, children's personal information
  - Search terms: service, partner, affiliate, share
  - Search terms: intellectual property, user submission, user content, copyright
  - Search terms: usage, aggregate, identifiable
  - Search terms: Device ID, Device user, Location, Mobile, cookie, beacon, gif, identifier
  - Search terms: download, export, portable, portability
  - Search terms: cancel, delete, viewable, visible

Review Terms - the Long Version

● There is no substitute for reading the full policies
● Shortly, our question set can be used as a guide
Security/Privacy - Triage

- Can you remove the "s" in https?
- If you are ever logged in to a site and don’t see https, that’s a BAD SIGN

Good: 🚨 https:// 🚨
Not so good: ⚠️ [Redacted] ⚠️

- Any social media share buttons?
- Log in to the site. What trackers/cookies get placed?

https://vimeo.com/163350044
More Detailed Intro to Security

https://www.graphite.org/privacy/security-primer
What Can I Do Tomorrow?

● Browser Extensions
● “Find” Feature on Terms
● Set up test profile on Firefox:
● Visit websites with your test profile and see what loads
Questions?

Feel free to be in touch:

bfitzgerald@commonsense.org

Or get involved!

https://www.graphite.org/privacy/about/districts
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