

Educator Workshop
Mobile Technology for Classroom and Outdoor Education Use

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1. Overview of workshop
 - Goal – To use mobile technology in classroom and outdoor experiential education.
 - Objectives –
 - To learn about advantages and limitations of mobile devices for educational use, with emphasis on outdoors experiential education.
 - To learn how to take educational content and put it on mobile devices.
2. There may be an App for that
 - For a specific educational purpose you may find there are perfect Apps, no Apps, or many Apps, but none just right.
 - There are lots of Apps out there. Let's go shopping.
 - Useful apps may not just be in the education category.
 - Apps that let you put content on mobile devices.
 - A look at one App "Dropbox" (<http://www.dropbox.com>) – advantages and limitations.
3. The World Wide Web – host to education materials.
 - Webhosts – what are they?
 - Team exercise – using the web to put your won educational materials on mobile devices.
 - Form into two teams: blueteam and greenteam.
 - Your web addresses.

- www.blueteam.h2o-texas.org
 - www.greenteam.h2o-texas.org
 - Add content to website – add the folders from computer onto the webhost.
 - FTP clients.
 - Uploading educational content to the web.
 - Access educational content on iPads and iPhones.
 - How to write a web address.
 - See web-accessible items work on mobile devices.
 - Discuss iPad file limitations and specifications.
 - iPad specifications” <http://www.apple.com/ipad/specs/>
 - Converters
4. Web addresses and QR/bar Codes.
- What are QR Codes and how to use them.
 - Shooting QR Codes.
 - QR Code readers.
 - QR Code Generators -- <http://zxing.appspot.com/generator>
 - Use QR Codes to read content placed on blue and green team web-folders.
5. Build your own website (a nice one!).
- More about web host sites.
 - Webhost “self-build” options.
 - Full-feature website building for nonprogrammers -- theme- and template-based websites.
6. There’s no App for that, can we make one?
- Tour Stream Team App for the iPhone. Get it free at the App store under: “Texas Stream Team”
 - Tour Aquarena App for iPad and iPhone. [Not yet available]
7. What’s next?
- Code Baby – <http://codebaby.com/for-your-website/examples/>
 - Augmented Reality -- String. <http://www.poweredbystring.com/>