Emerging Technology for the Library Media Specialist
Presented to rising Library Media Specialists
by
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Welcome to our presentation about emerging technologies for the Library Media Specialist (LMS) to use and share. Previous to this, we asked you to join the free program, Trello, so that you can participate in some discussion during the event.

First, you may want to get to the web address: http://kthartig.weebly.com/info-literacy-and-access.html.  This will help personalize your learning, allow for some accommodations if you are having trouble hearing or seeing, and provide you with a paperless way to learn.

Why would we as Library Media Specialists (LMS) need to be up on the latest developments in technology? As *Instructional Partners* the LMS wants to be able to provide professional development for our teachers who are striving to use technology and software to meet curriculum standards and to allow multiple means of engagement, representation and assessment within UDL.  Online tools provide opportunities for collaboration and communication. As *Program Administrator* we want to keep up with ways to improve access for students while considering access to information and materials or to library space.
As a *Teacher* we want to be able to create a learner-centered classroom using appropriate tools to support a Universal Design for Learning by presenting information and content in different ways and by allowing students to use a variety of tools to demonstrate what they know. And as an *Information specialist* we want to be able to retrieve, organize, and use information using a variety of formats.

Throughout our presentation we hope to show you as future Library Media Specialists At least one resource which will keep you up to date on emerging technology and ways that assistive and adaptive technologies are growing in response to trends and developments in order to enable wider access. We hope to show examples of technologies and how some of the technologies work to make things easier.

See if you can identify these technologies as you enjoy our presentations:
Infographic, Collaborative tool, invaluable paper brochure, video, and survey tool.
Through visuals and examples we will introduce a diverse community of users who learn in our schools.

The following presentation will use work from the *Horizon Report* for 2016.
This report is produced by the New Media Consortium (NMC) and the Consortium for School Networking (CoSN).  The NMC stimulates and furthers the exploration and use of new media and technologies for learning and creative expression (see nmc.org); it is a "community of hundreds of leading universities, colleges, museums, and research centers." CoSN "empowers educational leaders to leverage technology to create engaging learning environments and provide the tools essential for their success (see cosn.org)."  The two groups collaborate on a wiki before producing the final report (see: http://horizon.wiki.nmc.org/)

We have researched assistive and adaptive technologies.  Often through the efforts of and advocacy for the disabled, technologies are developed that ultimately provide access for all. (Ladner, 2015).

*Show the **infographic,** These are trends, challenges, and developments in technology that will be referred to in the video.

*Show **video**

**Pollster**: Question 1: What will be the technology of tomorrow in Education?

Allow time for discussion.

Question 2:  So what will you as the school library media specialist do with this information first?

a. Keep current on trends and technologies
b. Use surveys to discover teacher skill needs
c. Train teachers about new tools, devices, software for information access, retrieval and sharing;
d. Teach students how to use new technology to serve information needs. (Koerber, J., 2015).
e. Other

**\*Trello: software program for collaboration**

Brooke and I used Trello.com to work virtually on our presentation. You will notice that Trello allows for you to make lists. You can add cards. You can flip the cards and add comments (as shown in speech bubbles) and attachments. There are places to add deadline dates and to allow email direct to a Trello list.

Explain: You may directly drag a picture or a document onto a list. It is useful for organizing but maybe less so for presenting.

Invite: Let's see if we can each participate in a quick activity. Open trello and find the Collaboration list. Can you add a card and your response to the question about the library media specialist keeping current?

We have shown some trends, challenges and developments in technology. We have reviewed some technologies that serve to assist and adapt instruction and activity for the special needs students and have shown some examples. As technology changes, we as Library Media Specialists do well to keep current and to match student need to those technologies that serve student need. We can consider ways to match technology to teacher instruction challenges as well.

We may consider and share ways to evaluate assistive technology products as we view adaptive technology examples and consider the links in the "Access for all." We may consider how to pay for technology by viewing fundraising options. (GreatSchools, 2016)

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