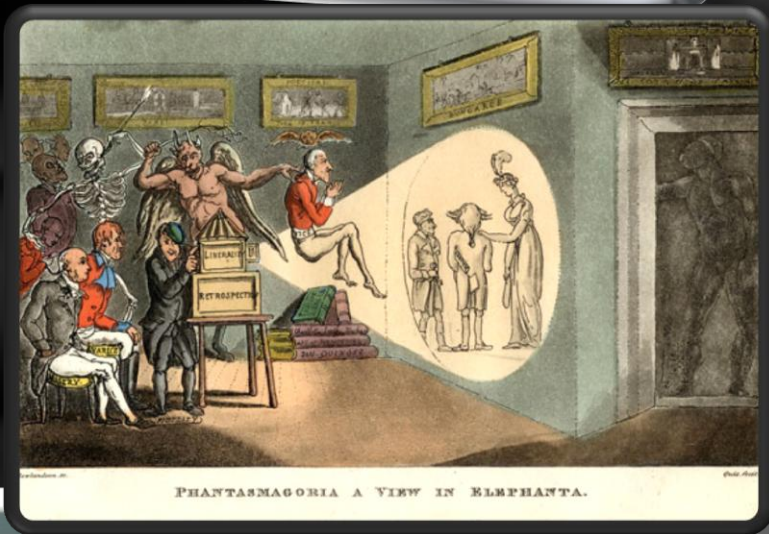


The 21st Century Classroom: Meaningful Ways to Use Technology

Road to Teaching Conference

November 17, 2012

dr. tj naman



How can technology be used most effectively to support and assess student learning and help create a meaningful learning environment?

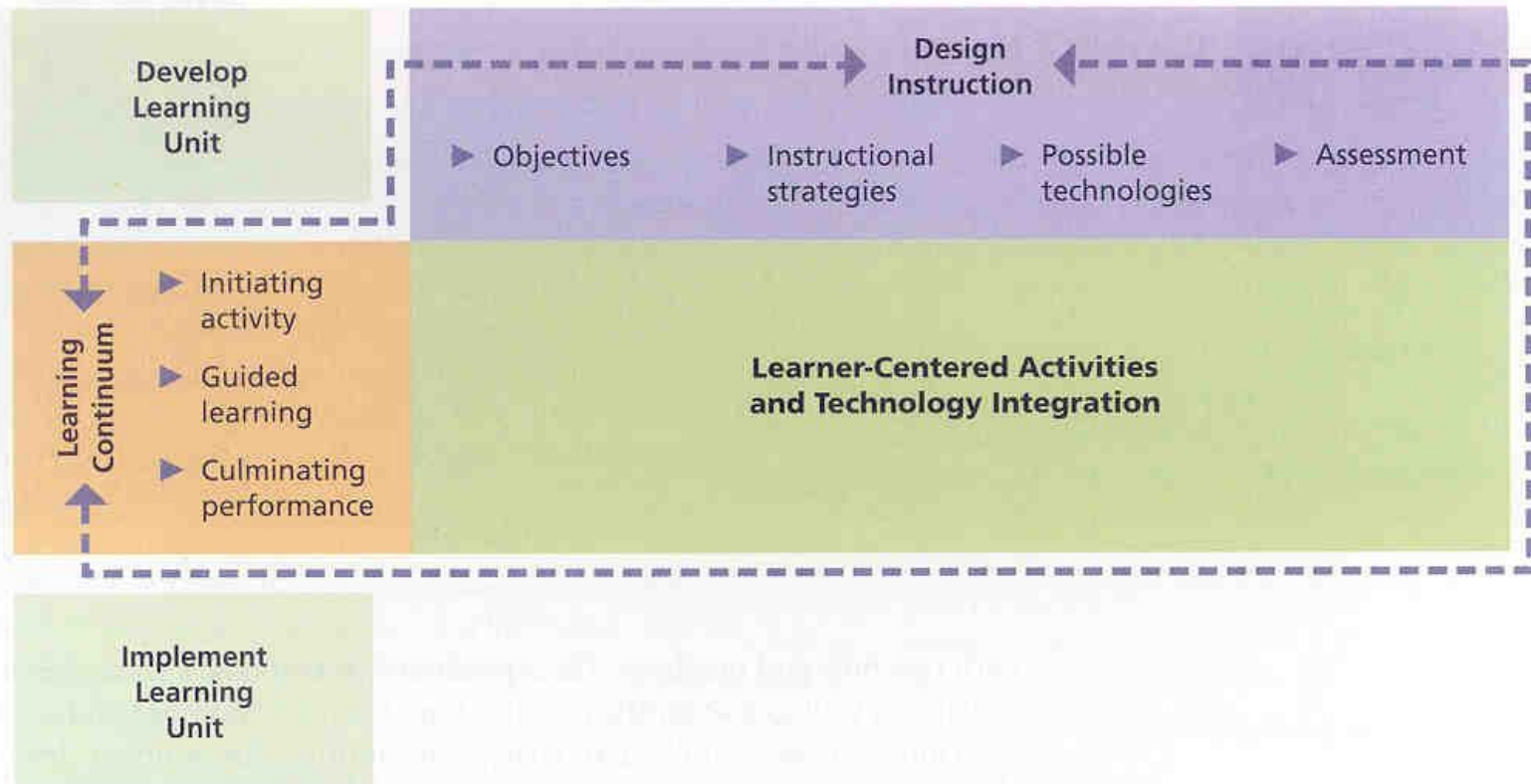


Figure 5.1 The Technology and Learning Continuum Model A guide for developing a technology-integrated learning unit

The Technology and Learning Continuum Model
 Arthur Recesso, (2008). *integrating technology into teaching*, 75.

Appropriate Technology

Instructional Strategy	Types of Appropriate Technology
Communication/Discussion	Email, chat, instant messaging, videoconferencing, Blackboard, blog, wiki
Collaborative	internet, chat rooms, Blog, Wiki, Blackboard
Demonstration	LCD Projector, Video Capture, Document camera, whiteboard
Instructional Games; computer based	Sims, Carmen, Sandiego, Lighthouse, Games2train, civilization, etc.
Inquiry/Research	Probes, data collection instruments, video and audio capturing
Presentation	Microsoft PowerPoint, Prezi, Animoto, Visio, Youtube
Problem solving	Software, Spreadsheets, online tools
Simulation	Computer simulations of real environments, Virtual Reality

Presentation Tools



PowerPoint_Zelay
a

Prezi

Animoto

Voki

Glogster

Collaborative Tools



wordpress



wikispaces



“The wiki is an equalizer in classroom participation; everyone has a role.”

Characteristics of Technology in Learner-Centered Environments

- 📱 Engaging
- 📱 Interactive
- 📱 Facilitative
- 📱 Instructionally Appropriate
- 📱 NETS for Teachers
- 📱 Appropriate Assessments



21st Century Skills

Online Resources

Animoto

<http://animoto.com/>

Create stunning, video slideshows for your classroom.

Blogger

<http://www.blogger.com/>

This website offers easy-to-understand information about blogging and can help you create your own blog in minutes.

Childnet International

<http://www.childnet-int.org/safety/teachers.aspx>

This kid-friendly site, designed for children and teens, has important tips for internet safety.

International Society for Technology and Education: National Educational Technology Standards

<http://cnets.iste.org>

This website provides the NETS for teachers, students, and administrators. This will help you understand what it means to learn with technology.

Intime

<http://www.intime.uni.edu/video.html>

videos for lesson plans

Prezi

<http://prezi.com>

Prezi is a cloud-based presentation software that opens up a new world between whiteboards and slides.

Online Resources

Simulations

<http://curry.edschool.virginia.edu/go/frog>

<http://www.lavamind.com/edu.html>

TeacherTube

<http://www.teachertube.com>

This website provides an online community for sharing instructional **teacher** videos.

Wikispaces

<http://www.wikispaces.com>

This website will provide simple web pages that groups, friends, and families can edit together

Wordpress

<http://wordpress.com/>

This website can be used to create a beautiful website or blog.

YouTube

<http://www.youtube.com>

YouTube is a place to discover, watch, upload and share videos