

B 3 Differentiating Instruction Using Technology

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Today's Agenda

Using the Ten Top Differentiation Strategies as a Framework, we'll look at a variety of technology tools that can be used for classroom implementation.

Some Top Differentiation Strategies

Pre-assessment
Questioning
Tiering
Choice Boards

Curriculum Compacting
Open-Ended Tasks
Learning Contracts
Independent Projects

Pre-Assessment

Pre-Assessment provides the opportunity for teachers to determine the skill ability and content knowledge of their students.

Pre-Assessment can also introduce content and develop background knowledge.

Nine "Gotta Know" Technologies for DI



Blogs



Wikis



Podcasts



RSS



Social Bookmarking



Social Networking



YouTube

Video Sharing (You Tube)

What's a Weblog?

Weblogs- Known in shorthand as "blogs", these Web sites are easily updated and can be interactive.

Blogs have exploded in the past few years.

Wikis

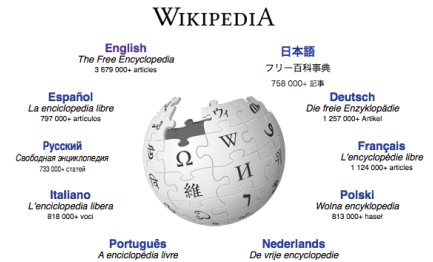
From the Hawaiian word, wiki-wiki, which means "quick".

Ward Cunningham created the first wiki in 1995.

He wanted to create a web based tool that would make it easy for people to publish and author.

The Most Famous and Best Example of a Wiki: Wikipedia

An attempt to present all of human knowledge, for free.
Actually more accurate than many people might think.
Has over 500,000 edits per day.



Podcasts

A teacher shows us three digital storytelling tools for mobile devices:
<http://ipadschools.wikispaces.com/>

What is it?

Three kinds of podcasts: audio, visual, and video.

Audio are similar to radio broadcasts.

Visual include graphics and images.

Video are sometimes called vodcasts or v-casts.

Some great educational sites for using podcasts:

Helpful site for getting started with podcasts and examine how teachers use this technology in classrooms:
<http://mabryonline.org/podcasts>

Mr. Linden's Library
<http://district.dearbornschools.org/schools/long/podcast/Long%20Elementary/Mr%20Lindens%20Library/312EAE78-AD8A-464B-ADA1-908B1C173725.html>

Tony Vincent's site, Learning in Hand can help you get started with podcasting.
<http://learninginhand.com/podcasting/>

RSS

Stands for "Really Simple Syndication" or "Rich Site Summary"

A tool that brings information to you and places it in one account.

Some Educational Uses for an RSS feed include:

Harvest news headlines from all over the world on any topic.

Research.

Follow specific interests or people.

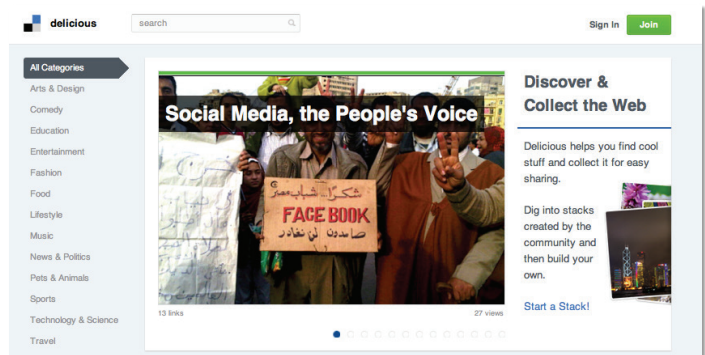
How can the RSS tool be used to differentiate instruction?

Social Networking

Is an organized system for saving websites rather than in an Internet browser.

Social Bookmarking

How can you use this tool to differentiate content for a group of diverse learners?



Social Networking

Facebook... we know that one.

Edmodo (Education Friendly Facebook) www.edmodo.com

TwitterKids LOVE to talk, so let them. 140 character limit requires precision and application of editing skills. Use hashtags (#) to label conversations.

Video Sharing

Perhaps the most well known is YouTube.

Download via <http://www.zamzar.com/>

School Tube www.schooltube.com

Teacher Tube www.teachertube.com

More Technology Tools for Differentiation

Glogster <http://edu.glogster.com/what-is-glogster-edu/>

Twitter <http://www.twitter.com>

Google Docs are the next revolution in writing.

Allows for collaboration and the applications are extraordinary.

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For more materials and updated powerpoint, see my blog at

www.KatherineMcKnight.com