Podcasting in The Classroom

Sutherland High School

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Our Agenda Today

• 8:00 - 8:15 Introductions
• 8:15 – 9:00 Presentation
• 9:00 – 10:00 iTunes Podcasting search
• 10:00 – 10:10 Break
• 10:10 – 12:30 Creating Podcasts
  - Editing Existing Podcasts
  - Recording Audio
  - Windows Movie Maker
  - QuickTime Editing Software
• 12:30 – 1:00 Break
• 1:00 – 1:30 Posting Podcasts
• 1:30 – 2:00 Questions & Reflection
“Digital Natives are used to receiving information really fast. They like to parallel process and multitask. They prefer their graphics before their text rather than the opposite. They prefer random access (like hypertext). They function best when networked. They thrive on instant gratification and frequent rewards. They prefer games to "serious" work.”

Mark Prensky
Prensky argues that the gap between digital natives and digital immigrants is the fundamental cause of the alleged "decline of education in the US," and he contends that our current educational system has not been designed to serve today's students.
So... how can educators help close this gap and have their classrooms more resemble real life for our digital natives?
You know you’ve made it when Mad Magazine does a spoof on you.

22 Million American Adults own an iPod.

11 Percent of our population!

iTunes to date has sold more than 5 billion songs.
Many educators and institutions are already integrating podcasting successfully into their curricula — with great results. Podcasting enables educators to use music and recorded audio to enhance learning. The addition of photos and video to podcasting allows educators to add a wide range of visual content to their teaching and address even more learning styles.
Podcasting- What is it?

• A Podcast is a web feed of audio or video files placed on the internet for anyone to subscribe to.

• Subscribing (free) to a Podcast allows a user to collect programs from a variety of sources for listening or viewing OFFLINE at whatever time and place is convenient to them.
Downloaded Episodes

• Can now be played, replayed or archived as with any computer file.

• This differs from streaming files because streaming files require a constant connection to the internet and only one source at a time can be viewed.
RSS - “Really Simple Syndication”

- Format for syndicating news and other content from the internet.
- Selectively choose what information to pull to you.
- Get new content when it becomes available.
- Used to distribute files - podcasting.
RSS - “Really Simple Syndication”

- Once a file is created with this “tag” in it’s metadata, every-time a new show is posted then it will automatically be downloaded to the users computer.

- Itunes is a powerful piece of software to accomplish this task, but it’s not the only software available.

- We like iTunes in the education field because it’s free, it’s available for PC’s as well as Macs and it syncs with an iPod with a click of a mouse.
Example of an RSS Feed

<?xml version="1.0" encoding="UTF-8" ?>
<rss version="2.0">
  <channel>
    <title>RSS Example</title>
    <description>This is an example of an RSS feed</description>
    <link>http://www.domain.com/link.htm</link>
    <lastBuildDate>Mon, 28 Aug 2006 11:12:55 -0400</lastBuildDate>
    <pubDate>Tue, 29 Aug 2006 09:00:00 -0400</pubDate>
    <item>
      <title>Item Example</title>
      <description>This is an example of an Item</description>
      <link>http://www.domain.com/link.htm</link>
      <guid isPermaLink="false">1102345</guid>
      <pubDate>Tue, 29 Aug 2006 09:00:00 -0400</pubDate>
    </item>
  </channel>
</rss>
Examples of Podcasts…
Brian Williams NBC Nightly News
Examples of Podcasts...

Tim Russert – Meet The Press
Examples of Podcasts…
Sesame Street – Howie Mandell
Examples of Podcasts...

Music – Guitar Chord Lesson
Examples of Podcasts...
Mathtrain.com with Mr. marcos

Estimating Square Roots!
with "Mike"
Examples of Podcasts…
NECC – Teachers Podcast (Audio)
iTunes Podcasting Search

- Ted Talks
- Grammar Girls
- Photoshop Tips and Tricks
- NASA
- PBS
- The World's Deadliest Catch
- iTunes U
Podcasting Workflow

Create  Distribute  Access

- Project is authored
- File is uploaded and RSS produced
- File downloaded and accessed
Create

- *Project is authored*
Distribute

- File is uploaded and RSS produced
Access

- File downloaded and accessed

[Images of blogs and iTunes]

WebRSS.COM

Google with RSS Feed
Anyone can post, anyone can search

Downloads to an iPod with a click of a mouse making your audio/video portable.
Questions...

- Value
- Difference
- Comfort level
- Adaptability

Reflections...