

Got Pod?!

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Podcast – it's....

- a noun – a web-based audio (and now video) broadcast.
- a verb – to deliver a web-based broadcast.
- one of the newest technologies transforming education.
- iPod + broadcasting.
- the New Oxford American Dictionary word of the year for 2005.

What is it really? It's...

- a simple radio show, on any topic, broadcast on the Internet.
- an mp3 file that can be played on a computer or any number of portable, handheld devices, including the iPod.
- a file that can be distributed through RSS (Real Simple Syndication).

Why Podcast?

- Curriculum content
- Review
- Supplemental material
- Foreign Language classes
- Audio tours
- Announcements
- Speeches

Curriculum Content

- Instructor lectures
 - Gravity
- Guest lectures
 - Chemical Bonds
- Vocabulary words, definitions, and use
 - Of Mice and Men, Chapter 1

Review

- Chapter summary
 - Ch 10 Social Studies – The Jefferson Era
- Test / Quiz
 - Math – Dan's Math Cast

Supplemental Material

- Content beyond what class time allows
 - Scopes Monkey Trial
- Real-world applications of classroom theory
 - Stem Cell Research and Application

Foreign Language

- Spanish
 - Phrase of the Day
- German
 - Alphabet
 - Story Translation

Audio Tours

- Amateur Travelcast
 - [The Jamestown Area of DC](#)
 - [Washington DC](#)

Announcements

- Daily school announcements
 - February 5, 2007
- Special announcements
 - News Casts

Speeches

- Student written
 - Barack Obama
- Famous
 - JFK Inaugural 1-20-61

How to get started

■ Hardware

- Digital audio recorder that can create mp3 files
 - PC (desktop or laptop) or Mac work quite well.
 - iPod or other handheld with recording capability will work, however, quality may not be great.
- Microphone
 - Built-in will work, but maybe not very well.
 - Inexpensive USB set works fine.
- Web server access

How to get started

- Software

- PC

- Audacity - free, open-source software for recording and editing audio.
 - LAME – free, mp3 encoder used to export recorded sounds into mp3 files.

- Macintosh – GarageBand (included)

Creating

- Write a script if necessary.
- Record using Audacity.
- Add music and clean up if necessary.
- Export as an mp3.

Posting

- School Server
 - Tech Department
 - Teacher Web Page
- OurMedia.org - <http://ourmedia.org>
- PodcastAlley - <http://podcastalley.com>
- Podomatic - <http://www.podomatic.com>
- Blog Software
 - WordPress - <http://wordpress.org>
 - Movable Type - <http://www.movabletype.org>

Software Resources

- Audacity - <http://audacity.sourceforge.net>
- LAME - <http://lame.sourceforge.net>
- Sony ACID Xpress - <http://www.sonymediasoftware.com/>

Where to find Podcasts

- Podcast Alley –
<http://podcastalley.com>
- The Education Podcast Network -
<http://epnweb.org>
- Apple iTunes Store -
<http://www.apple.com/itunes/store>
- Podcast.net the Podcast Directory -
<http://www.podcast.net>

Where to find Podcasts

- Yahoo - <http://podcasts.yahoo.com>
- Podcasting News - <http://www.podcastingnews.com>
- Podcasting Station - <http://www.podcasting-station.com>
- Idiot Vox - <http://www.idiotvox.com>
- Podfeed.net - <http://podfeed.net>

Standards

- STATE GOAL 4A: Listen effectively in formal and informal situations.
- STATE GOAL 4B: Speak effectively using language appropriate to the situation and audience.

Standards

- STATE GOAL 5A: Locate, organize, and use information from various sources to answer questions, solve problems and communicate ideas.
- STATE GOAL 5B: Analyze and evaluate information acquired from various sources.
- STATE GOAL 18A: Compare characteristics of culture as reflected in language, literature, the arts, traditions and institutions.

Standards

- STATE GOAL 28A: Understand oral communication in the target (foreign) language.
- STATE GOAL 28B: Interact in the target (foreign) language in various settings.
- STATE GOAL 28D: Use the target language to present information, concepts and ideas for a variety of purposes to different audiences.