

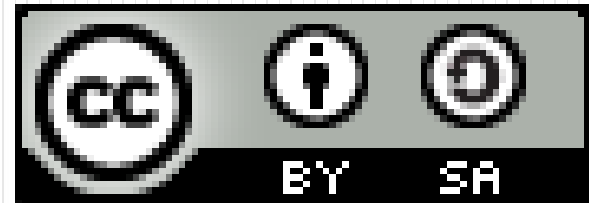
Introduction to Podcasting Episode #1

By Carolyn McCarthy

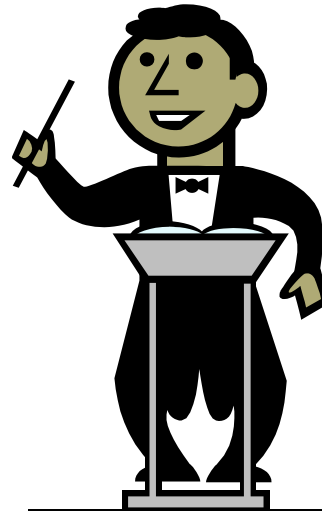
Shiawassee RESD and Clinton County RESA

Located in Corunna and St. Johns, MI

2009



What is a podcast?



Learn Spanish with Co...



Grammar Girl's Quick ...

SUPER WHY! | PBS KIDS



SUPER WHY!

Category: K-12
Language: English

Free

Just Vocabulary



<http://www.mpsomaha.org/willow/Radio/>



Home

K

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- About Us
- For Parents
- For Teachers
- Information Center
- Newsletter
- Photo Gallery
- Principal's Message
- Student Showcase
- Specialists
- Special Programs
- Staff

Willowcast #32: *Inspired Inventors* is On the Air!

Radio WillowWeb

Radio For Kids, By Kids

Radio WillowWeb is a podcast for kids and by kids from the students at Willowdale Elementary School in Omaha, Nebraska. Each new show is called a *Willowcast*. Each Willowcast can be heard on WillowWeb as an mp3 digital audio file.



[Listen to other Internet audio programs that are by elementary students!](#)

[Listen to comments about Radio WillowWeb from students in Northern Virginia!](#)

[Listen for Radio WillowWeb in this podcast from the United Kingdom!](#)

Writers for Radio WillowWeb, [click here.](#)

XML

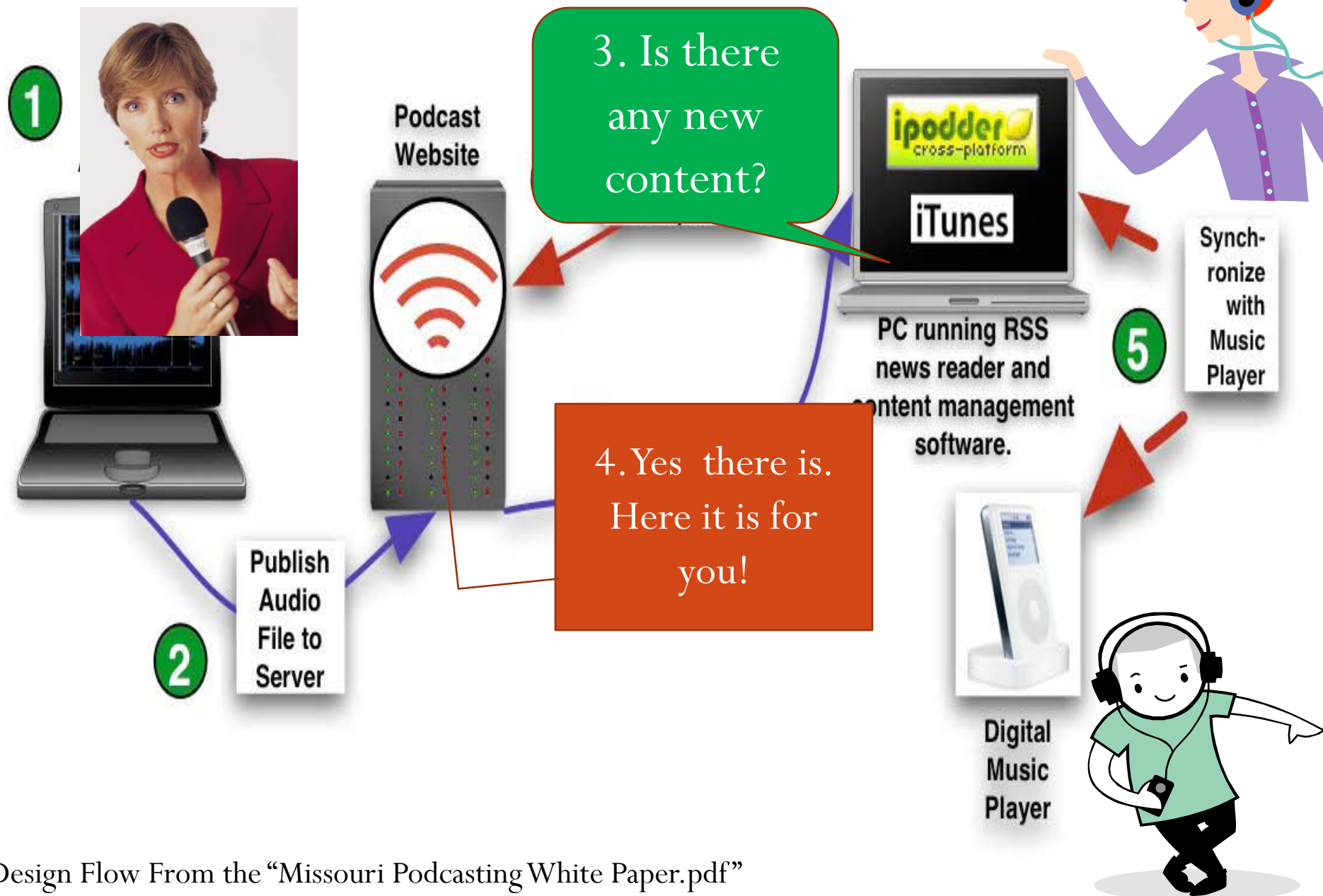


What is a **podcast**?



- Audio content that can be subscribed to via the Internet through a subscription (**RSS feed**) process
 - typically in an audio or video (*mp3* or *m4a*) format
 - subscriber **automatically receives new episodes** (or content) through podcatching software (aggregator) like iTunes and Juice
 - Most podcasts are totally FREE

Podcasting publish and subscribe model.



What is RSS?



- **RSS** (Rich Site Summary and also called Really Simple Syndication) is
 - **RSS is a script used to deliver new content to you when you subscribe, automatically.** Many news-related sites, and other online publishers syndicate their content as an **RSS Feed** to whoever wants it. National Geographic and Discovery post them.
- **Benefit?**
 - Helps you stay informed and up-to-date with minimal effort by automatically retrieving the newest content. **It's efficient!**

3 primary types of Podcasts

- **Audio podcasts** are usually an MP3 file and are the most common types of podcasts.
- **Enhanced podcasts** m4a can have images to go along with the audio. They can also have chapter markers, making it easier to skip to different portions of an episode.
- **Video podcasts** are movies, complete with sound. Video podcasts can be in a variety of formats, but MPEG-4 is the most popular.



A portable teaching, learning and communication medium

- **Podcasting** and **Vodcasting** have become a leading source for learning 24x7
- **RSS** is at the root of this craze
- **Anywhere, anytime access** to speeches, audio books, music, foreign language lessons, lectures...



Educational Benefits of Podcasting

- Cheap
- Tons of resources
 - <http://epnweb.org>
 - www.apple.com/itunes
- global audience
 - <http://bobsprankle.com>
- Portable access
- Authentic products
- No-frills communication

Differentiate Instruction with Audio and Multimedia Delivery

- Meet diverse learning styles (auditory)
- Portable delivery method (cellphones)
- Provides options or choices
- Adjusts content
- Diversified communication
- Students as collaborators in learning
- Flexible learning

NETS-T : Teachers Responsibility

- **Facilitate and Inspire Student Learning and Creativity**

Teachers use their knowledge of subject matter, teaching and learning, and technology to facilitate experiences that advance student learning, creativity, and innovation in both face-to-face and virtual environments.

<http://www.iste.org/NETS/>

NETS-T : Teachers Responsibility

- Demonstrate support of technology use by developing skills, knowledge, and strategies necessary to model effective use of technology.
- Learn and use effective ways to integrate technology into the curriculum, and use technology in ways that enhance instructional opportunities and successes for all students.

Free Podcasting Tools

- Audacity by Sourceforge
<http://audacity.sourceforge.net/>
- Gcast – create and mix audio podcasts and post them free <http://www.gcast.com/>
- TakingITGlobal for Educators – free podcast hosting site for classrooms
<http://www.tigweb.org/tiged/>

Coming Next...Learn to

- **Search for, Listen to, Evaluate, and Subscribe** to podcasts!
- We'll use iTunes free software from Apple, so it would be helpful if you download it before you watch #2. The demonstration will be with version 8.1
- <http://www.apple.com/itunes/>

Additional Episodes

2. Searching & Subscribing with iTunes and a quick look at iTunesU
3. Evaluating podcasts and Planning your own
4. Recording your first one with Audacity
5. Editing your podcast and Levelator
6. Adding music and effects to your podcast
7. Publishing or posting your podcast