

Podcasting with Audacity Software and Podbean

Free Podcast Hosting and Publishing

ISTE NETS-Students- 1. Creativity and Innovation

Students demonstrate creative thinking; construct knowledge, and developing innovative products and processes using technology.

TEA Technology TEKS:

7C- Use a variety of data types including text, graphics, digital audio and video.

11B- Use presentation software to communicate with specific audiences.

What is Podcasting?

Podcasting stands for Portable On Demand Broadcasting.

- A podcast is like a radio show. However, instead of being broadcast live, a podcast is recorded multimedia file that is distributed by subscription (paid or unpaid) over the Internet, so that you can listen to it whenever you please. It can also be
- Played back on mobile devices (ipods, MP3 players, iphones) and personal computers
- Podcasters' Web sites may offer direct download or streaming of their content
- May be downloaded automatically through iTunes store

Let's Look at Some Examples of how Podcasting is being used in schools

- <u>http://coleycast.blogspot.com/</u> Fifth graders at Tovashal Elementary School in Murrieta, CA share what they're learning in the classroom.
- http://mabryonline.org/ Middle School Podcasts
- http://www.ahisd.net/campuses/cambridge/radio/radio.htm Radio Cambridge **Elementary Schoool**
- **PreK Podcasts by John Tower Elementary**

Steps to Creating a Podcast

- Step 1: Decide on the purpose for your podcast.
- Step 2: Plan your session by writing a script
- Use Audacity to record your session and Export recording as an MP3 file. Step 3:
- Step 4: Upload files, and publish on a Podcasting Host site. It creates your own website to upload, store and view all of your podcasts.
 - Click here to see the Podbean website I used to upload files for training.
- What can I do with my podcasts? Step 5:
- Step 6: **Subscribing to Podcasts**

Step 1: Decide on the purpose of your Podcast

Teacher Ideas:

- Record a welcome note to post on your web page.
- Record classroom rules.
- Record directions for homework assignments or projects.
- Record audio newsletters that include classroom information.
- Record a lesson or lecture and post on your web page for students who were absent or need review.
- Record spelling, pronunciation and definitions of grade level Word Wall words so students can practice these at home.
- Record science or social studies content words or concepts for students to refer to at home for practice.
- Explain the steps on how to solve a math problem.
- Record word problems of the day for students to solve at home for extra credit.
- <u>Record directions for classroom projects</u> and post on your web page as a reference for students and parents.
- Record directions for a listening center.
- Record multiplication facts or any other type of facts for a listening center or post on your web page for home practice
- Create audio books for your students
- Create a debate podcast where you post the prompts and the students record their responses and post.

Classroom and Student Ideas:

- Record <u>oral presentations</u> based on student research
- Record writing samples as a way to edit work through auditory feedback.
- Import music to their writing samples to set the tone or mood of the story.
- Post these stories to Podbean so the kids become real authors writing for a real purpose with an authentic audience. Have each student add a comment to their peers' story. (make sure students have permission to post online and they only use first names.)
- Narrate field trips or assign each student something to report on from their experience.
- Record an interview.
- Students take turns reporting on the weather each day.
- Record a news broadcast with students reporting on different topics.
- Record news of the day for your city, country or world.
- Record classroom debates and or discussions
- Record <u>classroom or individual poems</u> written by students. <u>Another poem</u>
- Record stories that you have written and add background music- becoming real authors.
- Record book reviews and post for others to read

- Record book trailers to get others to read a book they've read
- Record grammar tutorials and questions for review.
- Record a play or <u>reader's theater</u>.
- Record songs that help learn content.
- Record subject content to play back for reviewing purposes.
- Record information from research.
- Record directions on how to do something.
- Explain how to solve a math problem.
- Explain a scientific process or how you conducted your science fair project.
- Record a project from student work on what they have learned.
- Create a Photo Story 3 project from research and record student scripts.
- Older grade levels can record audio books for younger students.
- Create a song from content and record as a class to reinforce instruction.
- Record choir songs to use for feedback and to post and share performances on-line.
- Record band practices to use for feedback and post final performances on school web pages.

Step 2: Plan your session by writing a script



You can use reader's theater scripts, write your own scripts or use one of these templates. http://audacity.pbworks.com/Reader%27s-Theatre

- Podcast Starter Script for 1 person
- Podcast Script Skeleton
- Podcast Training Script
- Podcast Screen Script
- **Podcast Storyboard**
- **Podcast Rubric**

Handouts used with permission from a workshop by Jason Buck (Podcasting on the Cheap)

Step 3: Use Audacity to record your session



Information about Audacity Software



Audacity is free open source software that is very easy to use for teachers and any age student. Click on the link above for directions and how to download at home. It is installed at school.

Audacity Training wiki- Use this link for directions on setting up Audacity, recording, adding music and exporting files as MP3's. It also includes ideas on how to use Audacity to improve literacy.

You will need to download the Lame Encoder and set this up in Audacity to export recordings as MP3 files. Click here for tutorials.

Download the lame encoder (so you can export files as MP3.)

3A. How to use Audacity to Record

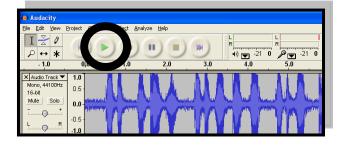


- 1. Open Audacity software on the desktop.
- 2. Plug your headset microphone and headphone cables in the correct ports on your computer (match the embossed icons on the headset with the pictures on the ports of your computer.)



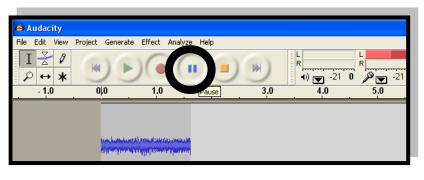
- 3. Click on the **Red circle** and read your passage.
- 4. Click on the **yellow** square icon to **stop**.

Once you stop the recording is finished.



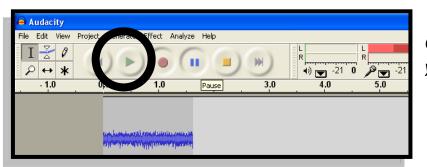
5. Click on the green arrow to listen to your recording.

Notice the sound waves go up and down when you show expression in your voice.



You can also click on the blue **Pause** button to pause while you are reading or listening to your session.

Click the **Pause** button again to resume.



Click on the **Green arrow** to listen to your recording.

> Click on the drop down arrow and name this track.



If you are not happy with your recording, simply close the current session by clicking on the tiny x in the session and start again. You can also press mute and record another session without hearing the one you have already recorded.

3B. Find and download Music that you can import into your recording using Audacity



Music sets the tone or mood of the recording.

- Introduction music
- **Background music-** Click here for example
- Closing music
- Two good places to download Royalty Free Music- save to the desktop.



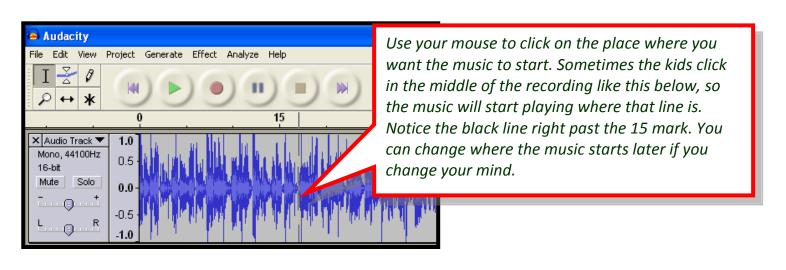
1. Danosongs Royalty Free Music

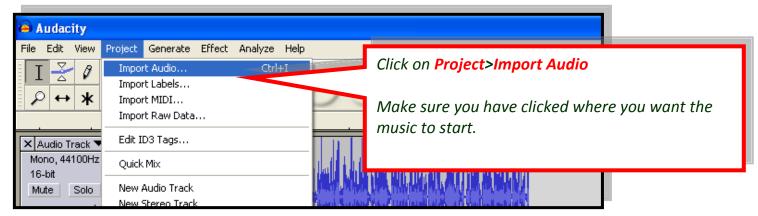
You can download music files for free with this Creative Commons Music. Make sure to give credit ("Free Royalty Free Music by DanoSongs.com") or add a link to his website http://www.danosongs.com/

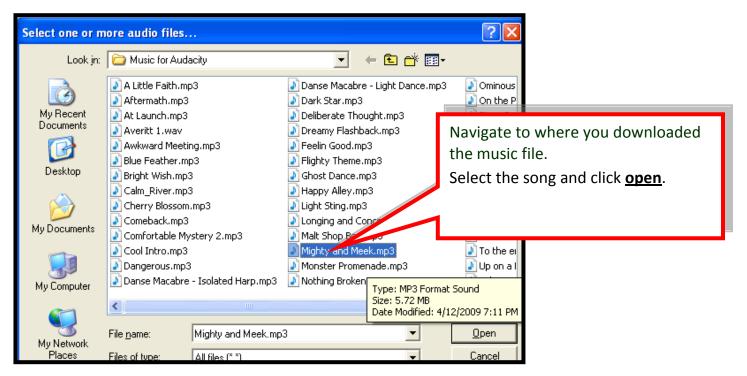
Free Play Music - http://www.freeplaymusic.com

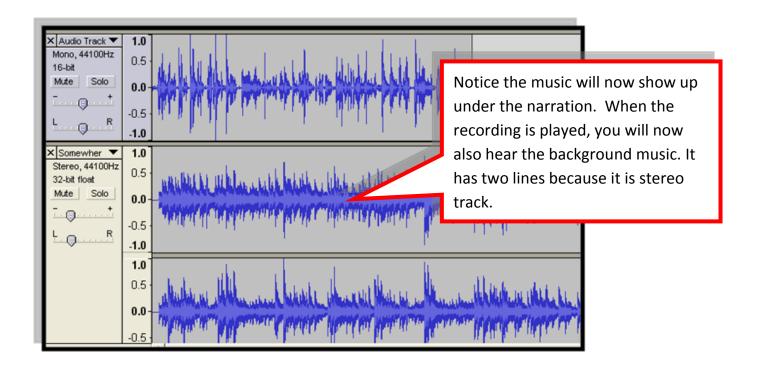
- Download some fitting music to the desktop

3C. Import your downloaded music into your recording

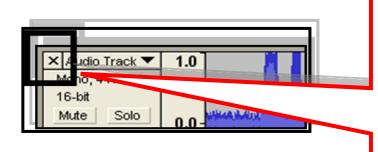












If students decide that the music does not convey the mood of their story, they simply click on the X next to the audio Track to delete. Then they can go back and import a different song.

They can also select mute and search for a better song.

How to delete extra music from the end of the recording

Once you decide which song you want, you may have extra music at the end that you don't need, because the recording will be finished and the song will continue to play, making the file too large.

Click on the selection tool (selected by default) shown below. Use your mouse to click and drag to select the part of the music you want to delete. Here I left a little music at the end, but then

Edit View Project Generate Effect Analyze Help Undo Import Ctrl+C Сору Trim Ctrl+T Ctrl+K Delete Silence Ctrl+L Solit Ctrl+D Duplicate Select... Find Zero Crossings Z Selection Save Selection Restore Move Cursor... Snap-To...

selected all the rest of it.

Select Edit>Cut as shown.

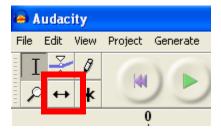
You can also just press the delete key on your keyboard.

What if the music isn't long enough for your narration?

No problem: Use the selection tool to select all of the music that is in there (it will turn gray like shown above.) Then click on Edit>Copy from the menu bar (you can see you have this option in the example above.)

Next, use your mouse to click where the music ends, and click on **Edit>Paste**.

What if I want to change where the music starts?



Use the selection tool to select all of the music.

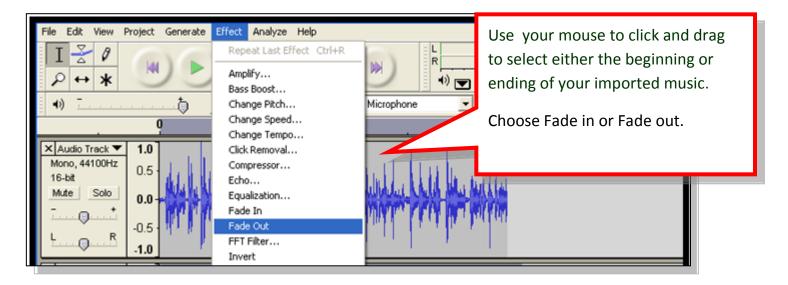
Click on the Time Shift Tool <-->.

Now you can move the music by just dragging it to the place you want to bring it in.

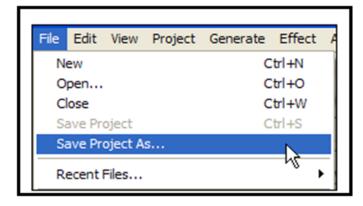
Note: You can also do this with your narration recording as well.

3D. Add Special Effects- fade music in and out

Fading the music in or out and your recording will be smooth and professional.



3E. Save your Audacity project- so you can edit later on.



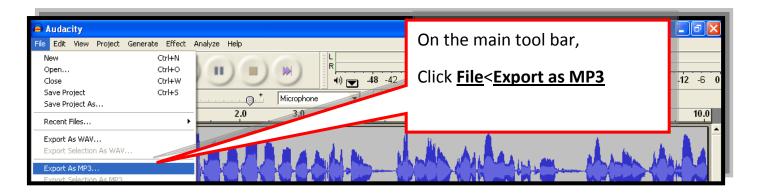
You may want to save the project you are working on so you can go back and edit it later.

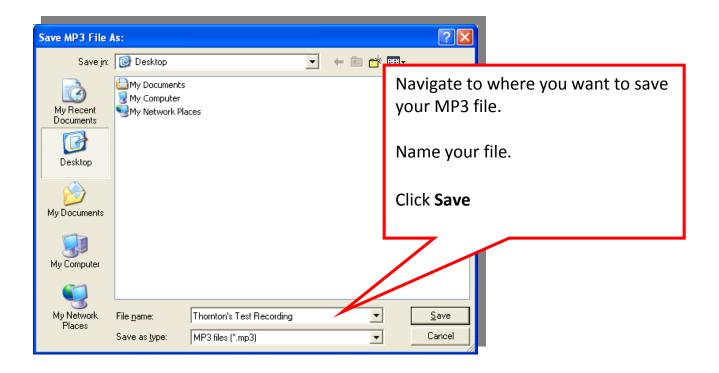
In order to do this, you must save the project as an Audacity file (.aup.)

3F. Export it as an MP3 file

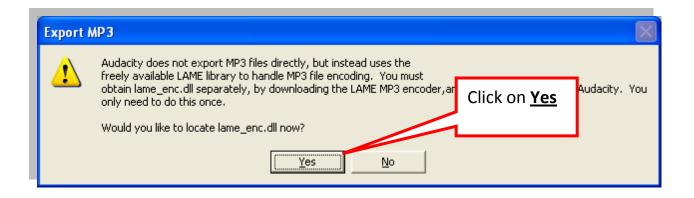
Why? Exporting as an MP3 file gives you a recording that can be played outside of Audacity. That means you can email it to someone and they can open it- even if they don't have Audacity software.

Note: Exporting as an MP3 creates a file that can be played back on any device that plays mp3 files. Podcasting sites also prefer MP3 files for uploading. You can also export as a WAV that will play in windows media player (we will <u>not</u> be exporting as WAV files for this session.)

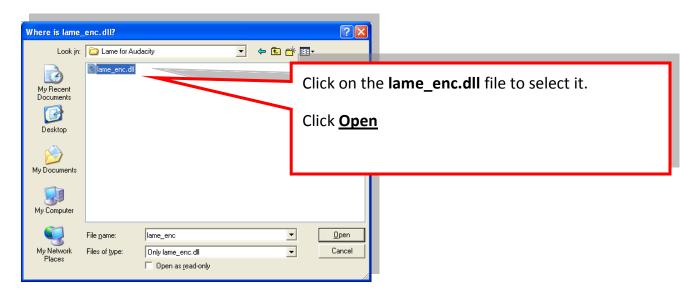




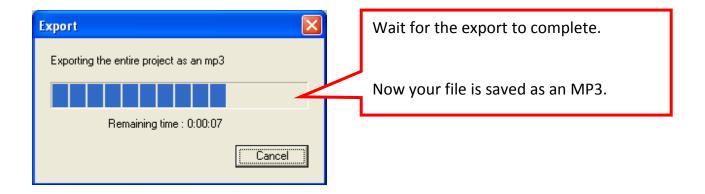
Important Note: The first time you export, you will get this message. Follow these steps assuming already that you have installed the Lame Encoder- Click on Yes



Navigate to the Lame Encoder Folder - My Computer/C:/Program Files







You can also create and upload videos to create Video Podcasts

Click here for directions on how to make a podcast in Pixie 2 of student work

Use Photo Story 3 to create video

Currently you can upload the following types of files:

.jpg, .gif, .mp3, .m4a, .ogg, mp4, .m4v, .mpg, .mov, .avi, .flv, .3g2, .3gp, .wmv, .pdf, .doc, .xls, .ppt, .zip

Step 4: Find a Free Podcast Hosting Site to upload and publish your podcast

Why publish to a podcast hosting site?

- It creates your own website to upload, store and view all of your podcasts. Click here to see the Podbean website I used to upload files for training.
- > You can add a link to this website from your own webpage, blog or wiki or email the link to someone.
- It allows readers to subscribe to your podcasting page so they will automatically receive your new podcast through an RSS feed.
- It provides code to embed your podcast (as a media player) right inside your webpage, blog or wiki.
- You can download this file to a portable player like an Ipod, Iphone or MP3 player.

We will use Pod Bean to upload and host our podcasts.



What is Podbean?

Pod Bean is a free site to upload and publish podcasts. It provides your own webpage of podcasts and provides code for you to share your podcasts through email, blogs, wikis and personal websites. Here are some features according to Podbean descriptions:

Podbean.com is an easy and powerful way to start podcasting- a Free Podcast Hosting site

- **Easy** to publish your podcast in 3 steps. No tech to learn.
- Powerful promoting tools, iTunes Preview, Statistics.
- No limitation on storage

Podbean is a Podcast Publishing and Social Subscribing site:

- **Publish** your own podcast is fast, easy and free.
- **Discover** popular podcasts and find what other people subscribe to.
- **Collect** your favorite podcasts in one place and access them from anywhere on the web.
- **Share** your taste in podcast with friends and get recommendation in return.

Click here for a list of FAQ about Pod Bean

• Let's get started.

Step A: Create a free account, verify and login

- Navigate to: http://www.podbean.com
- Verify your account through email notification.
- Login to Pod Bean with your new account information.

Step B: Upload your file to Podbean.

The first you want to do is locate your <u>dashboard</u>. This is where you get most all the options you need to work in Pod bean.

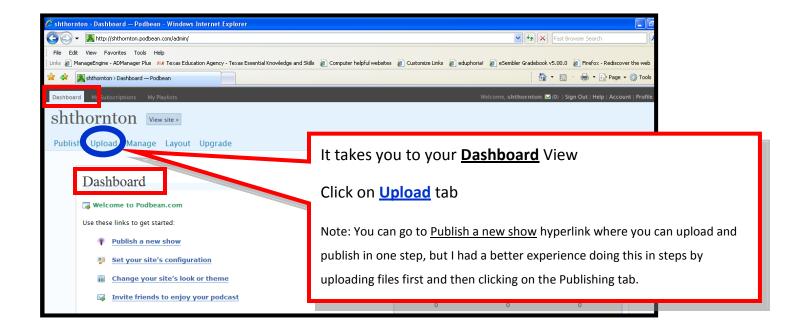
There a couple of ways to get to your dashboard.

Upload and publish Podcasts directly from the home page

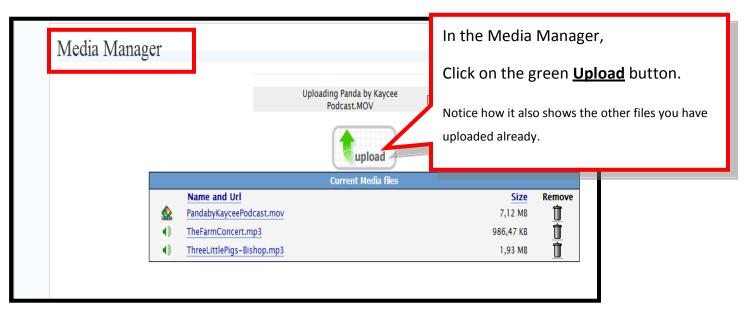


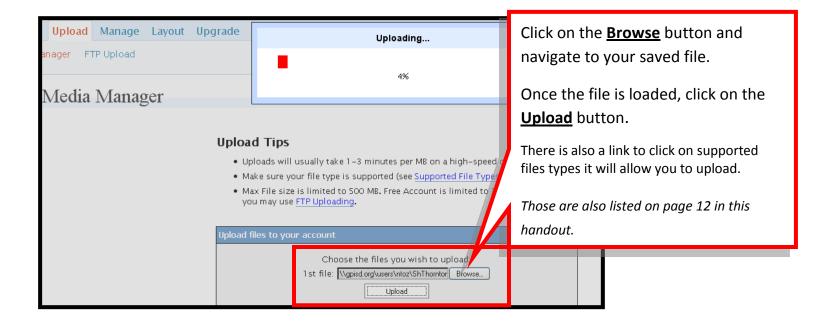
You are now in one of the dashboard views

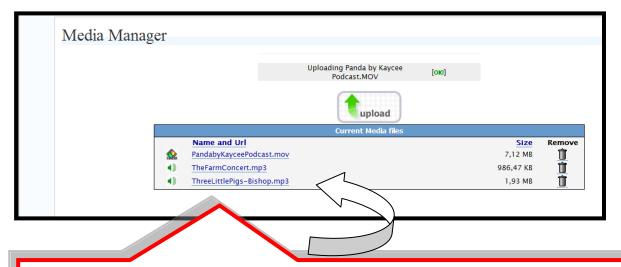
- **Note**: You can always navigate back to the home page by clicking on the PodBean icon.
- You will see 4 tabs in your dashboard: Publish, Upload, Manage, Layout and Upgrade.
- We will use the Upload tab first to upload the MP3 file(s) you created for your podcast.



This takes you to the Media Manager View as shown below.



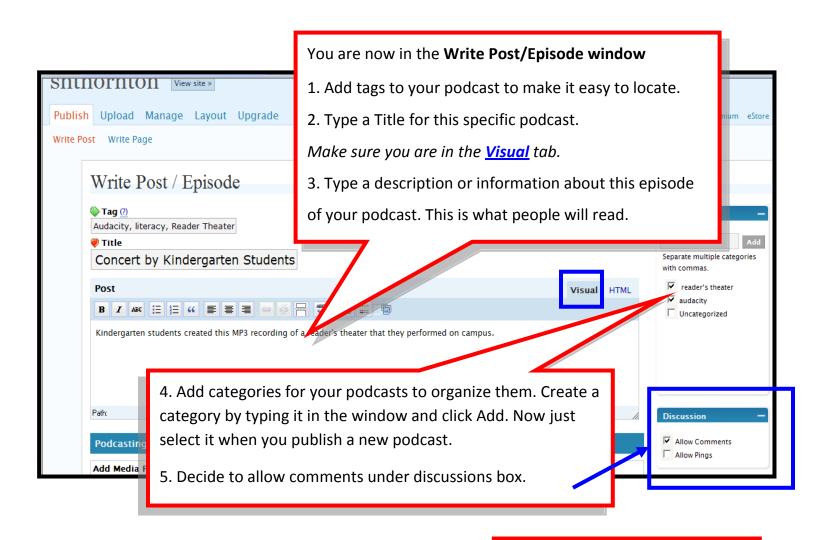


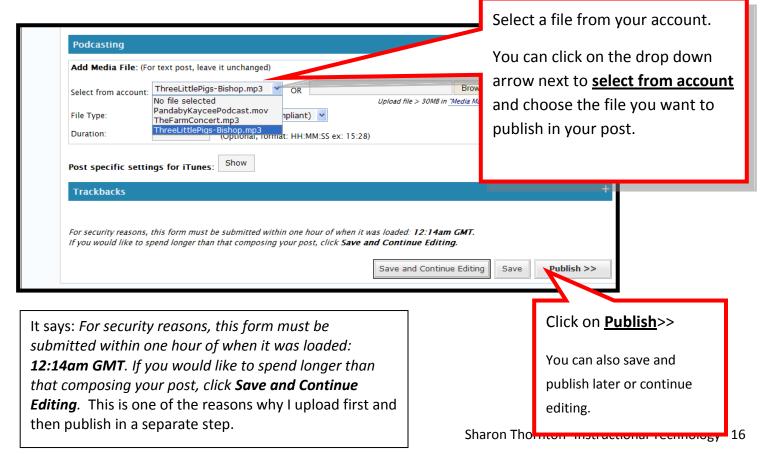


Note: Once files are uploaded, they will all be listed here under Current Media Files.

Step C: Write a show description for this Episode and Publish





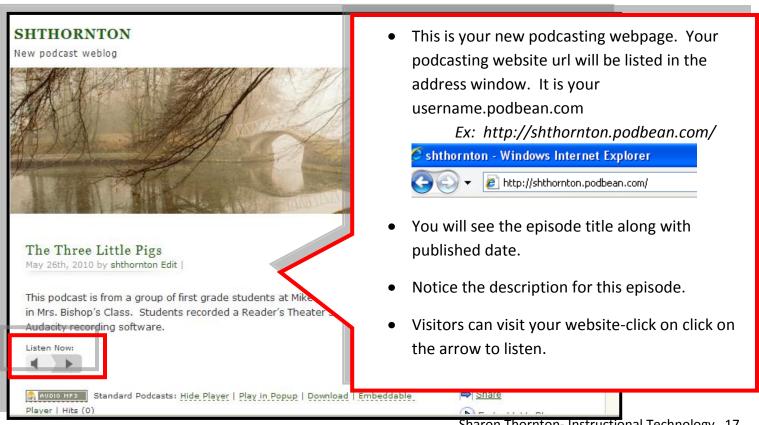


> Itunes options: Located in the same publishing window above.



View your new website with your first episode

After you publish, it will say Post Saved; view your site

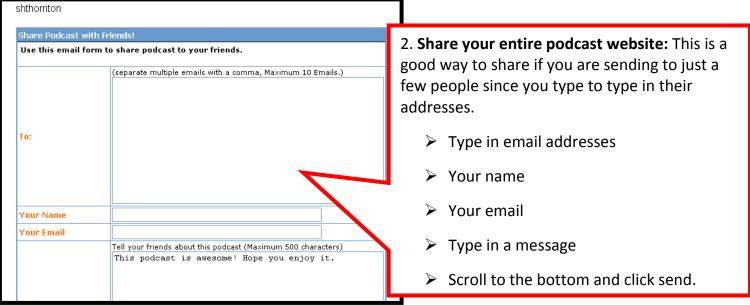


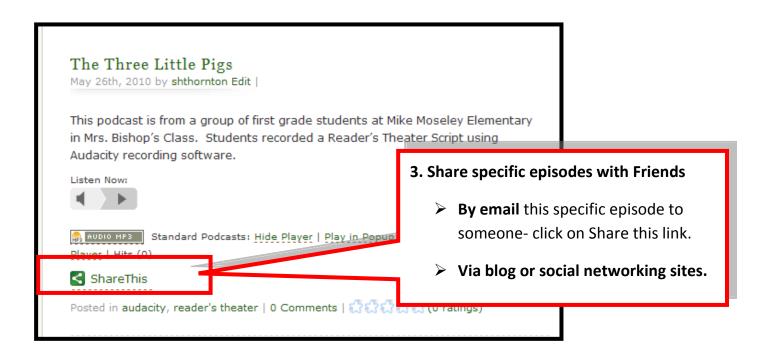
Step 5: What can you do with your podcast?

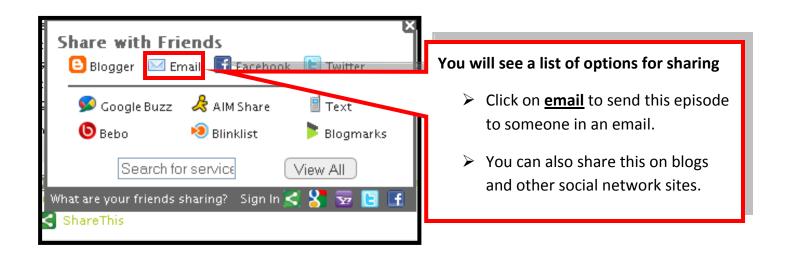
Things you can do with your Podcast or episodes:

- 1. Others can download this podcast.
- 2. Share your podcast website address with someone.
- 3. Share a specific episode with friends via email, blog or social networking site.
- 4. Add a link to this podcasting website of specific episode from your GPISD web page.
- 5. Add and moderate comments
- 6. Get the code and paste in a Gadget on your blog, wiki or website so the file will come up in a media player with controls to listen.
- 7. Allow people to subscribe to your podcast via RSS feeds (covered later.)
- 8. Subscribe to your feed in iTunes so you can download to mobile devices. (covered later.)

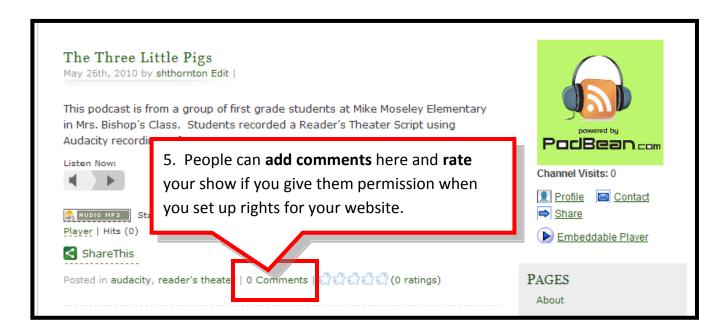




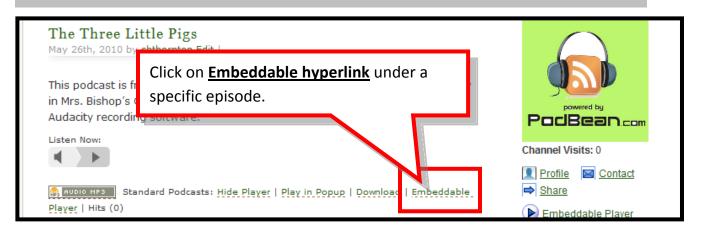


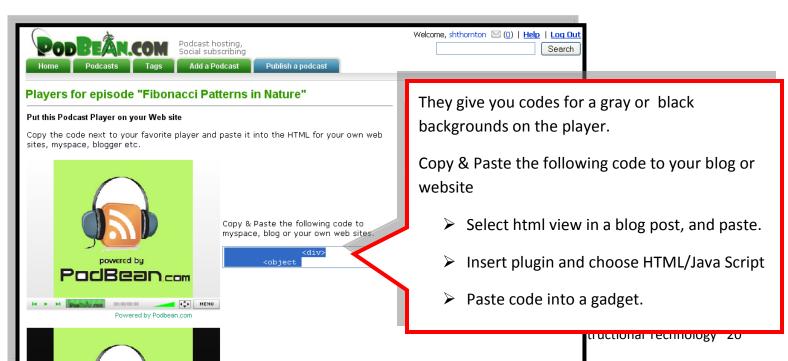


- 4. Add a link to this podcasting website of specific episode from your GPISD web page.
 - You can just paste the url website right into your GPISD website **Example**: http://shthornton.podbean.com/
 - You can also type what words you want to show and then add a hyperlink and paste the website url. **Example**: Click here to view my podcasting website.



6. Get the Code to embed a media player of a podcast in another website, blog or wiki.





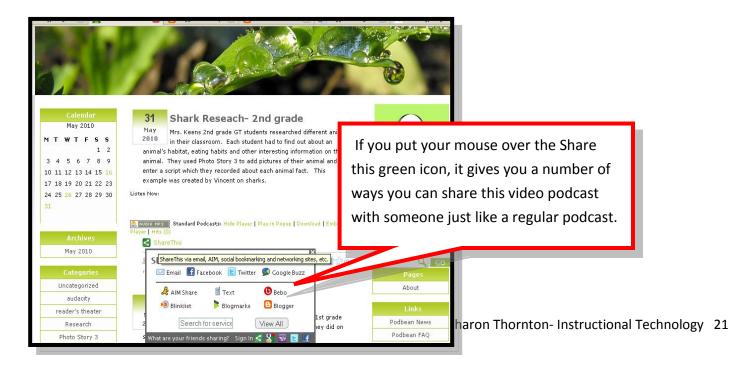
You can also upload and post movies. They are video podcasts.



Here is an example of what a movie looks like posted as a podcast. You can see the actual media player.

Note: Students here used <u>Pixie</u> <u>2</u> to create this video and saved it as a Podcast in Pixie 2.

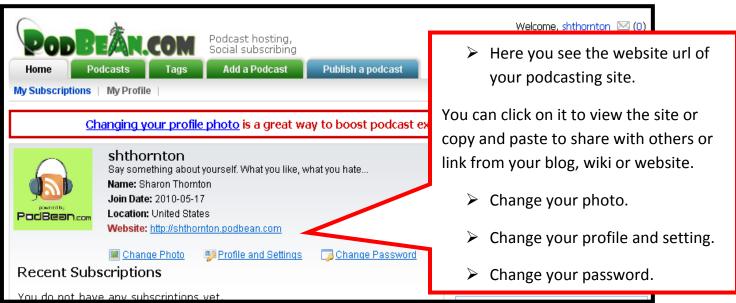




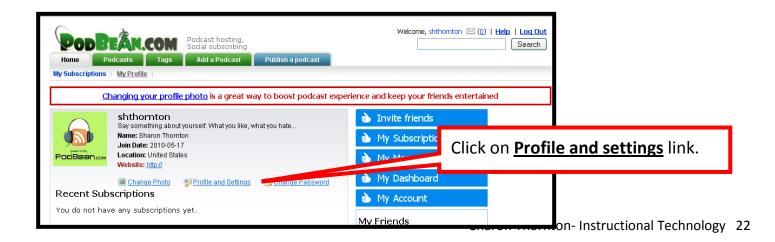
How to modify your podbean account through your dashboard- My Profile

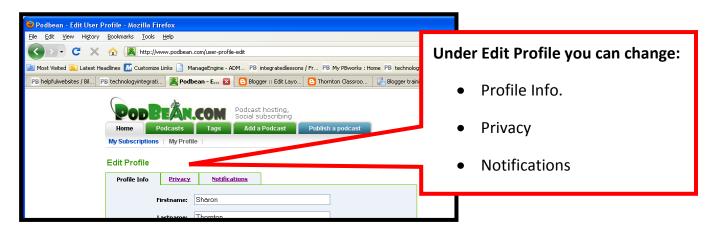
➤ Go to your Podbean **home screen** by clicking on the Podbean icon.



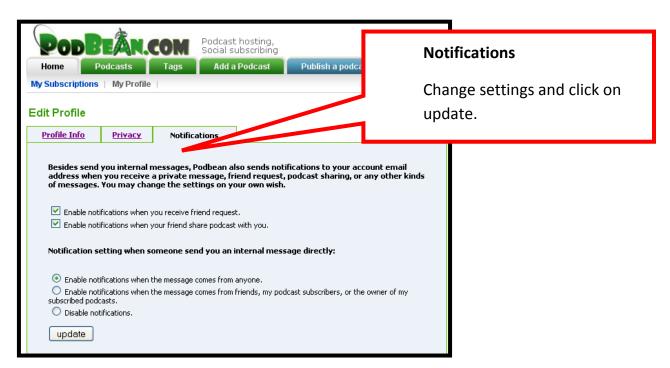


Edit your profile and Settings information

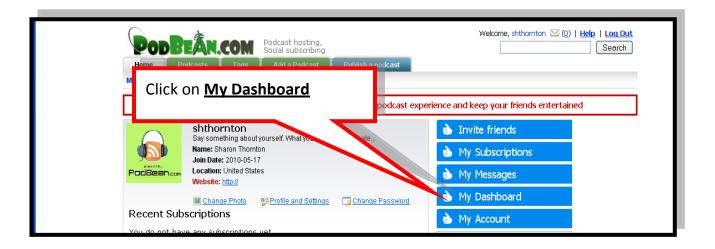


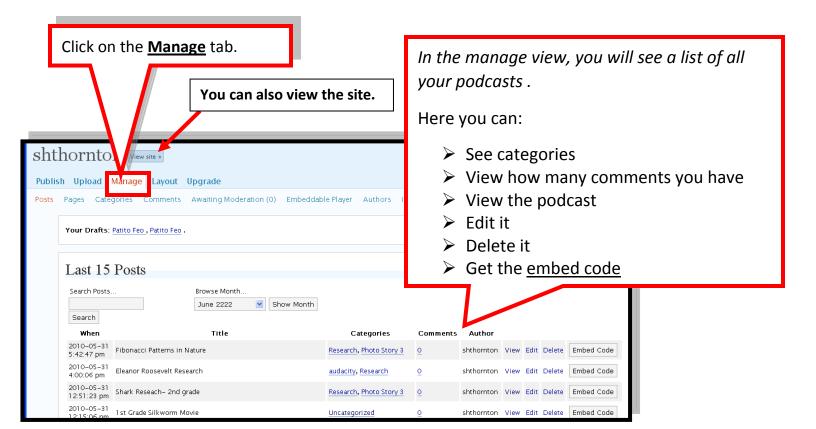






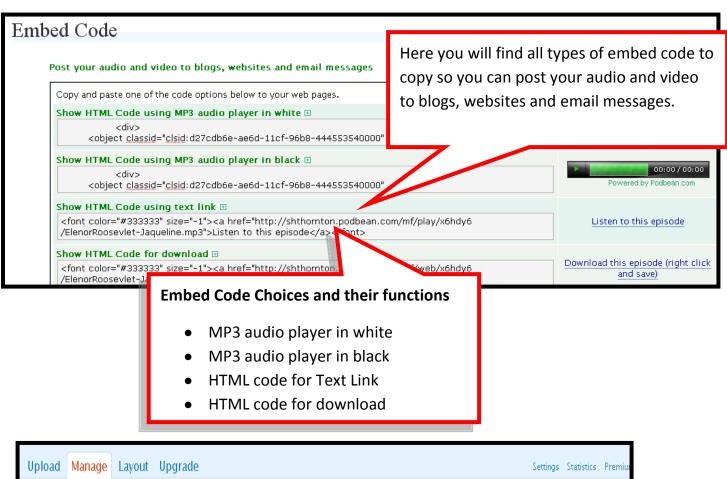
You will need to be back in your dashboard. Click on the PodBean icon then on My Profile.

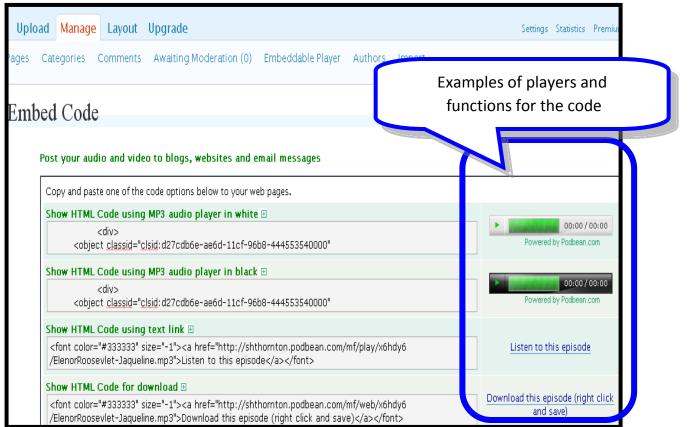




Remember: You can click on the Upload tab to see a list of your uploaded files

Embed Code –Use to add media players of podcasts into websites, blogs or wikis.





Modify the layout of your Podcasting website

➤ While you are still in your Dashboard, click on the Layout tab.









Under the layout tab you can also edit:

- Header image
- Sidebar widgets
- Sidebar links
- Edit CSS



Step 6: How to subscribe to your podcast RSS feeds

People can subscribe to <u>your</u> podcast from your website.

People can subscribe to your podcast through RSS feeds. That means new episodes will automatically be downloaded as you add them. You can also download other podcasts.



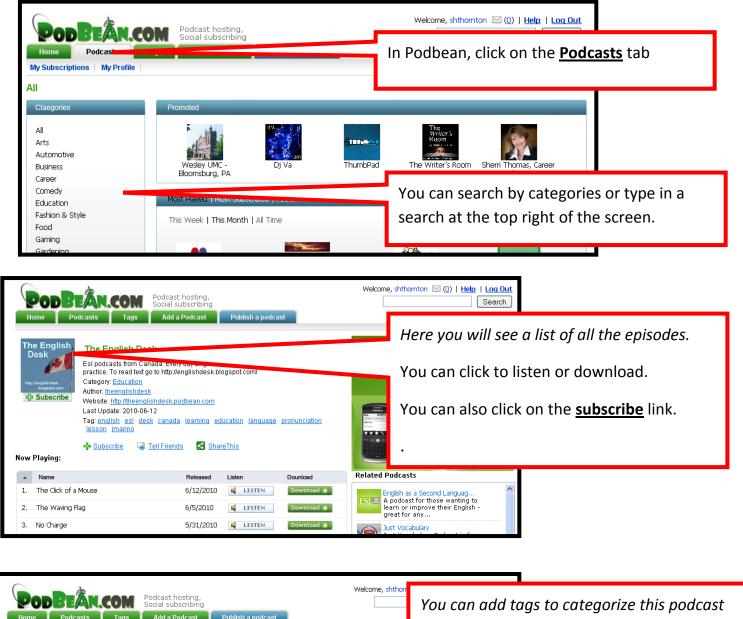
- > To subscribe from within Podbean, go to the main url website for your podcast.
- This means they have to login to Podbean and click on podcasts to see new episodes.



- You can also subscribe using the image links in Podbean as shown.
- I didn't find this to be the best way to do this. (see below)



How you can search for and subscribe to other podcasts through Feeds on Pod Bean





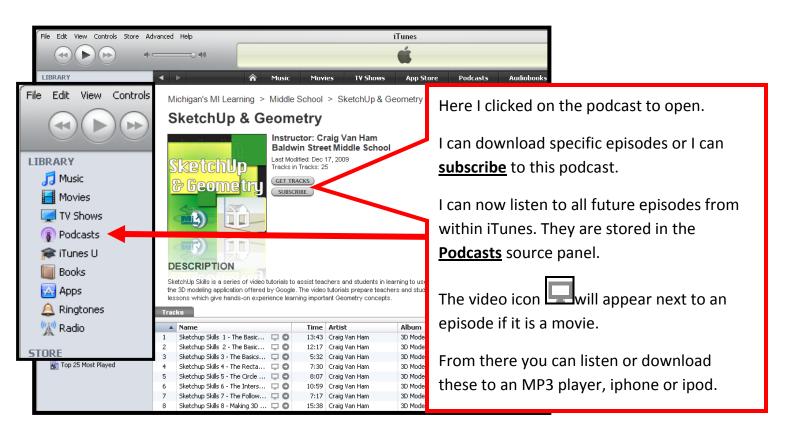
- This isn't the most practical way to subscribe to a podcast either.
- Let's look at another way

Using iTunes Subscribe to Podcasts on other websites and directories

What if you don't want to have to login to a hosting site like Podbean to see new episodes?

Subscribe to a podcast and iTunes automatically downloads new episodes as they become available. Note-you have to go back and manually add episodes in the past.

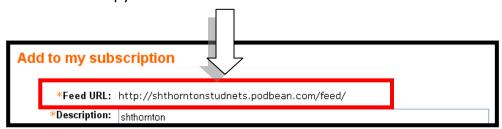




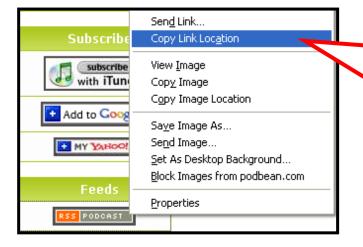
Hint: You can use iTunes to subscribe to podcasts, even if you find the podcast outside of iTunes in another Podcast directory or simple website. Subscribing this way will put all your podcasts in one location where you can listen to or download them easily into your mobile device.

Step 1:

- Navigate to the website with the RSS feed.
- Click on Subscribe
- Copy the website's RSS feed's url address.







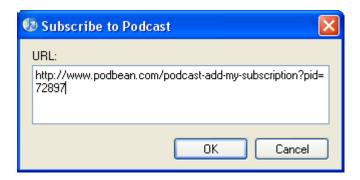
Note: If the feed is embedded or tied to image, then right click and **Copy Link Location.**

Here I right clicked on the **RSS Podcast image.**

Step 2:

- Open iTunes
- Click on the **advanced** menu.
- Choose <u>Subscribe to Podcast</u>.





- Right click and paste the url into this field (can also press the Control + V key to paste.)
- Click OK.