

Title of Session: SSForum: PBS Teachers

Moderator: Michael Hutchison

Guest Speaker: Jenny Bradbury

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MichaelH: ok, we have a lot of great stuff to cover tonight, so let's get started...

MichaelH: Welcome to tonight's Social Studies Forum

MichaelH: We've got a great crowd this evening, and we're going to discuss a great resource... recently, PBS revamped its old "TeacherSource" site, and we're going to look at the new features.

MichaelH: But...

MichaelH: Before we do...

DavidWe cheers for PBS

MichaelH: would everyone take a moment to tell us who you are, what you teach, and where you are geographically?

SarahHal: I'm a University of Houston student teacher in kindergarten

SarahSte: I'm a University of Regina fourth year education student

GlendaT: I'm a UH student teacher in 1st grade.

KerriP: My name is Kerri. I teach Middle School in the San Diego area

ChristenWa: I'm a University of Virginia fourth year education student

MichaelH is a social studies teacher in southwestern Indiana

KimberlyMS: I'm also a UH student and am currently student teaching in an 8th grade social studies class

AndreaDP: I too am a University of Houston student teacher in 1st grade

DavidWe: I'm David Weksler. I'm a HelpDesk volunteer and I lead a math education and technology discussion in Tapped In. I'm in New Jersey, close to both Yankee Stadium and Shea Stadium (Yankees/Mets)

EmilyW: I am Emily located in the DC area, I am a helpdesk volunteer at Tapped In

JuliaML: I'm a University of Houston student teacher in a preK class.

LeannM: My name is LeAnn. I am a K-5 Technology Teacher in Carson City, Nevada.

JennySB is a Content Manager at PBS Teachers

DavidWe cheers for PBS

FredK: I am a literacy tutor in SE Oklahoma

LeannM: I am currently taking Capstone I: Teaching with Technology through PBS!

JennySB: Great!

MichaelH: cool, Leann

MichaelH: As you probably already noted, Jenny is our guest this evening, and she's going to share some new features and highlights of the PBS Teachers' site with us

MichaelH: Jenny, would you like to go ahead and tell us a bit about the site?

JennySB: Absolutely. PBS.org features companion Web sites for hundreds of PBS programs and specials, as well as Web sites not tied to television broadcasts. PBS Teachers (<http://www.pbs.org/teachers>) aggregates the educational resources on these sites. We currently offer thousands of free classroom activities and projects, online interactive activities, audio/video segments, and lesson plans based on state and national teaching standards.

JennySB: Users can customize the site according to their grade level, subject areas, and geographic location. Once a user has customized the site, the TV schedule and local station information will be set to his or her local station and the features in the feature well on each page will change to match his or her grade level and subject area profile. Additionally, the weekly PBS Teachers Newsletter, which can be viewed online or sent directly to the user's e-mail box, will prioritize his or her areas of interest. The PBS Teachers Newsletter is a great way to find out about upcoming programming and new educational resources from PBS, PBS Kids, and PBS Parents.

DavidWe . o O (www.pbs.org/teachers)

MichaelH: Jenny, I just wanted to take a sec... the link you just put up is a "live" link. Everyone can click it and go to the page. BUT... don't stray too long. we have a lot of great discussion tonight

MichaelH: maybe just check it and bookmark it?

DavidWe reminds folks to hold down the CONTROL key when they click on URLs, or...

DavidWe . o O (allow pop-ups from tappedin.org)

MichaelH . o O (if you have a pop-up blocker)

DavidWe smiles

JennySB: I'm not suggesting that you do it right now, but there are several ways to search the site. One way is to do a keyword search using the search box at the top of the homepage. Clicking on the Advanced Search button will allow the user to specify resource types, grade levels and subject areas as well. The third way to search the site is by using the drop-down menus on the subject pages. This allows users to search by particular topics within the subject area.

JennySB: Other features of the site include:

JennySB: We've got two blogs. [learning.now](#) is written by Andy Carvin, a well-known figure in Ed Tech; he focuses on the intersection of Internet culture and education. [Media Infusion](#) is written by classroom teachers who serve as monthly guest bloggers and share practical advice about integrating media and technology in their teaching.

MichaelH: The Media Infusion blog is a new one to me, Jenny. Is that recent?

LeannM: Are these blogs just links on the [pbs.org/teachers](#) site?

JennySB: It's brand new. We're on our second month. Last month, Elizabeth Ross Hubbell offered great ideas for using media and technology -- PBS and non-PBS -- in early literacy instruction. This month, Andy Augustin offers ideas for teaching earth science, in celebration of Earth Day.

AndreaDP: Are these blogs attached to the pbs site?

JennySB: Yeah, you can link directly to the blogs from the right side of the homepage.

LeannM: Thanks!

MichaelH: Andy's blog has been there since the beginning of the school year, I think

CelesteR joined the room.

JennySB: We also have a page specially designed for early childhood educators that features activities, best practices articles, and thematic units. You get to it by clicking on the blue Early Childhood Educators tab on the left side of the page.

DavidWe: sounds good, Jenny

MichaelH: That would be great for the folks we have tonight who are elementary ed majors and just starting in the classroom

GlendaT: That's really great.

JuliaML: Yes, it sounds very helpful.

JennySB: Yes, Andy's been around since the beginning. He was recently instrumental in creating "Stop Cyberbullying Day." There's an article about his efforts in the PBS in Education section of the homepage.

KimberlyMS: I like the fact that it separates the different teaching levels

ChristenWa: as do I

JennySB: We also have a special page for Library Media Specialists and Tech Coordinators. This page features MARC records, media literacy tips, tech integration tips and best practices articles, and more. The link is just below the ECE tab on the left side of the page.

LeannM: The Tech Coordinator page sounds very helpful for me.

JennySB: Great!

MichaelH reminds everyone that all Tapped IN members get a transcript at the end of the session, and you'll be able to go back and spend some time looking at all the sites and features Jenny is mentioning this evening

JennySB: Since we have a lot of early childhood educators here, would it be helpful if I described some of my favorite ECE sites related to social studies?

SarahHal: yes

LeannM: Yes.

JuliaML: that would be awesome

KimberlyMS: sure, but please don't leave out secondary

MichaelH: that would be great, Jenny

DebbieM: Ditto!

MarcoAD: how would you use social studies with music?

MichaelH: we can probably do both

JennySB: Okay, two good resources for preschoolers are the Sesame Street and Sagwa, the Chinese Siamese Cat Web sites. On the Sesame Street site, the Global Grover (<http://pbskids.org/sesame/grover/index.html>) game shows Grover dressed in cultural attire and doing traditional dances from Mongolia, Trinidad, Russia, and China. Rosita's Spanish Word of the Day game (<http://pbskids.org/sesame/word/index.html>) uses pictures and voice to help kids learn some basic Spanish words.

JennySB: On the Sagwa site, the Counting Koi game (http://pbskids.org/sagwa/games/countingkoi/index_countingkoi.html) teaches numbers in English and Chinese. The Pictures as Words game (<http://pbskids.org/sagwa/games/picturesaswords/index.html>) teaches about Chinese Pictograms. Countdown to the New Year (<http://pbskids.org/sagwa/games/countdown/index.html>) is a series of 8 games that teach about the traditions of the Chinese New Year.

MichaelH: Marco, if Jenny doesn't have a music/social studies connection, I can show you one or two when we get to the end of the session

CelesteR: Hey, I had just clicked on the calendar for April 9th and there were LOTS of links for music across the curriculum.

JennySB: There are also a bunch of PBS Kids sites that have great resources for kids in kindergarten through grade 3. (Don't worry, I won't leave out the upper level folks. I was a high school English and Humanities teacher, so that's my passion).

KerriP: and middle school?

MarcoAD: thanks Michael

AndreaDP: wow this is a wealth of information!

JennySB: For K-3, I recommend Arthur's World Neighborhood Guide, the Maya & Miguel Web site, and the Postcards from Buster site. Arthur's World Neighborhood Guide (<http://pbskids.org/arthur/parentsteachers/lesson/world/>)

JennySB: was developed especially for students in grades 2-3, but the activities and resources can easily be adapted for younger or older audiences. The teacher's guide offers ideas for exploring neighborhoods, communities, and cultures around the world. The activity sheets provide ways for students to practice using Venn diagrams and a compass rose and give directions for making a balloon globe. Related online activities include:

JennySB: Arthur's Travel Adventures – this features images of an Arthur doll that were taken on stops around the world (a la Flat Stanley)

JennySB: <http://pbskids.org/arthur/parentsteachers/lesson/world/traveladventure.html>

JennySB: Connect the World – A bingo game with information about world cultures

JennySB: <http://pbskids.org/arthur/games/connectworld/index.html>

JennySB: Go! George Go! – A mapping activity

GlendaT: I'm glad I came attended tonight. Thank you for all the information.

LeannM: Excellent resources!

JennySB: Sure. Just wait! There's more...

JennySB: More K-3: The Maya & Miguel site is fully available in both English and Spanish

JennySB: The Cooking with Abuela feature (<http://pbskids.org/mayaandmiguel/english/games/cooking/index.html>) includes a game that teaches kids Spanish and English words as they search for ingredients for recipes from around the world. The Global Groovin' (<http://pbskids.org/mayaandmiguel/english/games/globalgroovin/game.html>) game is a fun way to introduce kids to instruments such as the bouzouki and gong and to world beats from the Middle East, Africa, China, and Brazil.

JennySB: Postcards from Buster is a show about a rabbit who travels around North America. Along the way, he captures what he sees through video and on his blog. In

JennySB: My Blog (<http://pbskids.org/buster/blog/>), Buster's provides information about the diverse cultures and customs of the U.S., Canada, and Mexico. Coast to Coast, Where's Buster?, and Connect the States are fun games that focus on U.S. geography. Connect the States also provides information about "state items," such as state birds, state flowers, and state flags. These games can be accessed from the games index page: <http://pbskids.org/buster/games/index.html>.

JennySB: Another good site for kids in these grades is Africa for Kids (<http://pbskids.org/africa/>).

JennySB: This site allows kids to hear a Swahili folktale, offers instructions and templates for making a Dogon mask, introduces the thumb piano, and offers a glimpse into life at four schools in Africa.

JuliaML: i'm in a bilingual class so the Spanish games will be perfect for our computer center

ChristenWa: is there anything on ancient greece?

JennySB: Excellent! We're hoping to have lots more bilingual resources in the future. Another one available right now, this one for the MS/HS level, is the U.S.-Mexican War site http://www.pbs.org/keramexicanwar/index_flash.html

KimberlyMS: ooh, yeah! I just finished teaching the Mexican-American War.

LeannM: How about bilingual resources for K-2?

JennySB: We've got a great site on Ancient Greece that's primarily targeted towards middle school and high school students. Two Empires sites – The Roman Empire in the First Century & Egypt's Golden Empire (

JennySB: <http://www.pbs.org/empires/romans/> and <http://www.pbs.org/empires/egypt/>, respectively) – were recently updated to include more lesson plans and multimedia resources. Each site now includes four interactive activities (timelines, quizzes, image galleries, primary sources) and 8 multimedia lesson plans. The lesson plans feature streaming video that can be viewed directly in the classroom or computer lab.

ChristenWa: what about for 3rd grade?

JennySB: For bilingual K-2, I recommend Colorin Colorado resources, available through WETA, one of our member stations. <http://www.weta.org/>

LeannM: Thanks! I will check it out.

MichaelH: hey, everyone... we don't want flames shooting out of Jenny's fingers... so maybe we should hold questions for a few minutes until she's ready

ChristenWa: sure, sorry

MichaelH: . o O (unless they are directly related to a resource she's showing now)

MichaelH: runs for the fire extinguisher for Jenny's fingers

LeannM: Oops.

MichaelH: Jenny, I'll help keep track of those questions, and if you have some resources, you can "fire" away

JennySB: No worries! Are you looking for Ancient Greece resources for third grade? If so, I'm afraid I don't know of anything off-hand. I'd encourage you to do a search of the PBS Teachers site.

DavidWe . o O (22 Resources found for "Ancient Greece")

ChristenWa: ok, thank you!

JennySB: Okay, a couple of other sites I'd like to highlight for elementary kids, and then I'll move on to middle and high school. News Flash Five (<http://pbskids.org/newsflashfive/>) is a current events site that is updated every Wednesday and covers 5 current news stories in a way that kids ages 8-12 can appreciate. Topics include National and World News, Weather/Science, Arts & Technology, and Sports. After listening to or reading the transcript for each story, kids can play a brief game to test their comprehension. The Democracy Project (<http://pbskids.org/democracy/>) site offers lesson plans that focus on government and elections. The lesson plans incorporate three interactives: Be President for a Day, How Does Government Affect Me?, and Step Inside the Voting Booth. The Kids Africa site includes an interactive feature called the Quest for the Calabash (<http://www.pbs.org/wonders/Kids/kids.htm>) that allows kids to "travel" around the continent of Africa and learn about some African cultures and traditions. Finally, the Big Apple History site (<http://pbskids.org/bigapplehistory/>) has interactives and lesson plans that focus on the history of New York. Many of the lesson plans and activities can easily be applied to learning about any town or city.

DavidWe reads

LeannM: Those sites sound very exciting! Thank you!

MichaelH: The "Be President for A Day" interactive is very cool

JennySB: Any more questions about ECE or elementary before I move on to middle and high?

LeannM: No.

SarahHal: no I can go back and look afterwards

JuliaML: go ahead

DavidWe: Remember, all members will receive a transcript with all of the text and web sites by email

AndreaDP: no you gave us a lot of great info

MarcoAD left the room.

ChristenWa: yeah that was great

MichaelH: there's a lot more great stuff on the site, Andrea...

JuliaML: I can't wait to look at some of those sites!

JennySB: Okay, many people don't know that the vast majority of our primetime program producers also create educator materials. These include resources focused on U.S. History, such as the Freedom: A History of US, The Supreme Court, American Experience and American Masters Web sites. We also have a large number of programs and Web sites focused on global cultures and issues. Among them are the Empires, Wide Angle, Frontline & Frontline/World, Global Connections, NewsHour Extra, and NOW Web sites. You can link directly to NewsHour Extra, NOW, and Frontline from the Teachers homepage.

MichaelH: Jenny, looks like you have a fan club

DavidWe smiles

AndreaDP: yes I'll be checking it all out.....thanks Michael

CelesteR: Jenny, last night's Independent Lens was incredible and it hit right on what I have been discussing in the classroom. It seems that each new class is different and I have to recreate my lesson plans. Is there anything in the works for related material and links on coffee and developing countries, such as Ethiopia?

JennySB: My current favorite among these sites is the Freedom: A History of US site. The program covers U.S. History from 1760-2001 through the lens of freedom and is based on the award-winning books by Joy Hakim. The Web site was designed with educators in mind and includes over 1200 pages with primary resources, audio/video clips, glossary, timelines, quizzes, recommended resources. It's an incredible resource. Be sure to check it out.

DebbieM: Whoa this sounds amazing...

KimberlyMS: would you mind giving us a link to that site?

MichaelH: Jenny, we had Joy in a SS forum session back in 2003... it was a lot of fun

JennySB: The Frontline/World site has some great resources on coffee and a cool interactive kids can use to see where coffee dollars go
(<http://www.pbs.org/frontlineworld/educators/>)

DebbieM: Thanks!

JennySB: Oops! The link for Freedom: A History of US is <http://www.pbs.org/wnet/historyofus/index.html>

CelesteR: YES! That fabulous one that also gave us the clips on Holocaust Camps!

JennySB: It must have been fun to speak directly with Joy.

KerriP: thanks

KimberlyMS: thanks

MichaelH: it was cool.

JennySB: Another cool new site focused on U.S. History/Civics is The Supreme Court site (<http://www.pbs.org/wnet/supremecourt/educators/>). The site includes four fully-developed multimedia lesson plans and three interactives targeted specifically at students. It also includes an extensive discussion guide and a wealth of recommended resources. Our May Media Infusion blogger will be writing about U.S. History and Civics and sharing a great WebQuest he created using some of these resources.

DavidWe: Jenny, did PBS Teachers work at all with the Library of Congress?

JennySB: I'm sure we've got some American Experience fans out there. If you haven't visited the site, you definitely should. It includes tons of primary resources, interactives, activity ideas, etc. The link is <http://www.pbs.org/wgbh/amex/teachers/index.html>

KerriP: sweet! Thanks

KerriP: Primary sources are good!

LeannM: I have not visited the American Experience site, but I certainly will now!

KimberlyMS: does pbs offer downloadable clips that could be integrated in lessons? (like unitedstreaming)

LeannM: Good question Kimberly. I was just thinking the same thing.

JennySB: Funny you should ask, David. We're currently working with the LOC in two ways. They're partners on the upcoming Ken Burns series, The War, and we're currently talking to them about ways that we can work together on other projects. If folks don't know, The War is a 7-part series about WWII that will be airing in September and October. The companion Web site is going to be loaded with primary source documents. You should definitely check it out!

MichaelH knows a little about "The War"...

MichaelH: I've seen some promotional stuff on the local PBS station

DavidWe: We have had some great LOC-based discussions and people working on "American Memory", etc.

DavidWe thinks Michael should mention something about KB

DebbieM smiles

DavidWe nudges Michael

JennySB: Hmm, downloadable clips. We get that question all the time. Unfortunately, we don't have a lot of downloadable clips, because we work with a tremendous number of independent producers and there are lots of rights issues. What we've done to try to serve educators better is embed clips directly into a lot of lesson plans. You'll see this with the U.S.-Mexican War, Empires, and Supreme Court resources. It's not ideal, but students can watch these clips on a classroom computer, with a projector, in the computer lab, or at home.

KimberlyMS: ok, thanks

LeannM: Sounds like an okay alternative to United Streaming. Thanks!

JennySB: If only we had Discovery's resources...

KimberlyMS: *laughs

JennySB: But we're supported by viewers like you

MichaelH: Jenny, maybe Safari Montage?

DebbieM: Hey Jenny - PBS provides PLENTY!

JennySB: Safari Montage?

MichaelH: check <http://www.safarimontage.com> (I think that's the site)

LeannM: Yes, PBS is fantastic with all the resources it does have!

MichaelH: I know they have some of Ken's stuff as video on demand (similar to United Streaming)

JennySB: Thanks for the tip, Michael. I'll check it out.

KimberlyMS: absolutely, I've been perusing the site and I found an excellent resource to use in my class

JennySB: Also, I shouldn't forget to mention that teachers can tape virtually any PBS program and screen it for one year.

SarahHal: how much

SarahHal: \$

JennySB: Free!

SarahHal: wow

SarahHal: how?

KimberlyMS: yay for free!!

JennySB: You just ask your library media specialist to tape it for you. All of the specifications are in the Copyright and Fair Use section on our site, which you can link to from any of the subject pages.

SarahHal: oh ok

KimberlyMS: could we tape it ourselves?

CelesteR: I wish it was that easy. Taping is easy. Getting the permission is not. We have to ask permission for everything now because teachers have gotten away with just showing movies for an entire week!

JennySB: Okay, a couple more favorite sites, these ones focused on Global Issues. The Wide Angle site (<http://www.pbs.org/wnet/wideangle/classroom/index.html>) features 21 multimedia lesson plans focused on the following topics: Conflict, Economics, Human Rights, Power & Politics, Religion & Culture. Each of these lesson plans – and many of the other lesson plans available through PBS Teachers – includes a Focus for Media Interaction, questions or prompts that promote active viewing of video and Internet sites. Streaming video of entire episodes was recently added to the site.

LeannM: Celeste, I am sorry to hear that you have to ask permission.

JennySB: That's a bummer that you have to get permission. Hopefully, you won't have any issues getting permission for PBS programs. If you do, you can let me know and I'll send you a special sheet we've created detailing all of the educational reasons why teachers should be allowed to use our programming.

CelesteR: Jenny, you are making me hungry for tomorrow. I can't wait to check out all of these sites. ...Leann, the obstacles are too many in my school, but I do my best.

CelesteR: Jenny! Can I get that sheet?!

MichaelH: I just record everything at home on my dvd burner

JennySB: I'm so glad. I only wish I knew about all of these resources when I was teaching! I hope you'll spread the word to friends and colleagues.

LeannM: Even though I don't need permission in my school, I would like that sheet anyway.

JennySB: I'll get the sheet for you. Michael, is there a way to share it through TAPPED IN?

KimberlyMS: could you send that sheet to me please?

MichaelH: I'm not sure on that, Jenny... maybe if everyone sent me their e-mail address... I could forward it?

MichaelH: anyone who wants it can e-mail me at mhutch@charter.net

JennySB: Thanks!

LeannM: Sounds great Michael! Thanks!

DavidWe: Do you have that list on the pbs.org web site, Jenny?

JuliaML: yes, thank you

CelesteR: Thanks, Michael. You'll be getting a request note from me. Please know that I teach English and Social Studies. I truly appreciate what you are doing here.

JennySB: I see that we're coming up on 9, so before I forget, I want to mention one more site: Global Connections site (<http://www.pbs.org/wgbh/globalconnections/>) has two separate areas, one focused on Liberia and the other on the Middle East. Each area offers a wealth of background information about the region as well as timelines, connecting questions and lesson plans. These resources are designed specifically for students in grades 9-12.

MichaelH: Cool, Celeste, I'll be looking forward to getting mail from you

MichaelH: Jenny, if you send me the form as an e-mail attachment, I'll share it with everyone

DavidWe: It could even be posted in the Social Studies Forum room (here, where we are) and people could download it from the group room

JennySB: David, we don't yet have it up on the site. It'll be there soon in the About section, along with PDF docs listing our resources arranged by subject area.

DavidWe: Do you know that documents can be "left" here in Tapped In, Jenny?

AndreaDP: it seems like we have resources for every topic. this is really cool!

DavidWe: Those PBS folks know what they are doing

LeannM: I think I will just e-mail Michael like Celeste, to get the special sheet.

JennySB: No, I didn't. If you can give me the info., I'd be happy to post the sheet here. We have one specifically for PBS Kids and another for middle and high school educators.

KimberlyMS: I like how the site encompasses all social studies subjects (i.e. history, geography, culture, economics, etc)

DavidWe: You could create a PBS Kids/PBS Teachers Group room here, Jenny...we can help you do that, if you would like to explore it another time

MichaelH: that would be excellent, Jenny. It would be simple, and you could post all sorts of neat resources there... even teacher previews if you wanted

DavidWe would be happy to help Jenny with that

JennySB: I would definitely like to talk about that possibility. We're always looking for ways to inform folks about our resources. After all, they're good and they're free!

LeannM: Free is fabulous!

CelesteR: After all...we make very little money.

DebbieM: Jenny, my two cents worth on PBS resources -

JuliaML: I'm so glad I learned about all of this.

MichaelH: Jenny, before we call it a night, do you want to tell them about Teacher Previews, how to subscribe? And how to personalize the site?

DebbieM: There are so many FREE resources but PBS provides so much quality - thanks for being here.

LeannM: Quality is #1!

KimberlyMS: exactly, you don't have to worry about whether the sources are reputable

JennySB: Before I forget, there are a couple other features of the site I haven't mentioned yet. Our e-mail Newsletter is a great resource that highlights upcoming programming and new educator resources. You can sign up for it when you customize the site. We also have a link from all of the subject pages to Thematic Teaching, which is a collection of over 40 thematic units. We have 20 recommended non-PBS books and 20 recommended non-PBS Web sites that we add each month, also accessible from the subject pages.

JennySB: Finally, there are links to PBS Kids, PBS Parents, PBS Shop for Teachers, and PBS Teacherline, our online professional development service. I hope you'll check these out when you get the chance.

LeannM: Thanks for all the wonderful information Jenny! This has been very helpful.

JuliaML: Thank you so much, bye!

KimberlyMS: professional developments are a must!

DebbieM: It's a good thing we'll be receiving e-mail transcripts.

DavidWe wonders about t-shirts

JennySB: Oh, I just saw Michael's message. Customizing the site's easy. All you have to do is click the "Customize" button below the feature well!

DavidWe: Would you be interested in presenting this discussion again, Jenny? I think LOTS of other teachers might be interested in knowing more of the details about the new web site

MichaelH: Jenny, before we go... is there a way that teachers can contact PBS Teachers for information or with questions?

AndreaDP: Thank you this has been great and there is so much for us to explore through all the links you have sent us.

JennySB: When you customize, the features, newsletter, and TV schedules will be set to reflect your subject areas, grade levels, and local station.

GlendaT: Thank you for all the information.

SarahHal: great

SarahHal: thank you for everything have a good night

MichaelH: whoops... didn't want to bombard her with a bunch of questions at the end

DavidWe waves to Sarah

JennySB: Michael, you're good. There's a Contact Us button at the end of the home page.

AndreaDP: wow that's pretty cool!!

SarahHal waves back to David

CelesteR: Jenny...it's a great alarm clock and reminder as well!

JennySB: You're welcome. It's been a pleasure!

GlendaT: David are you the math expert?

DebbieM: Good night everyone - special thanks to Jenny!

DavidWe: I know some things about math, Glenda

KimberlyMS: thanks so much; bye!

LeannM: Thanks again Jenny!

DavidWe: Jenny, will you be at NECC in Atlanta in June?

AndreaDP: This was great have a great night!! Thanks Jenny, Michael, & David

FredK: Thanks, Jenny, for the resources and ways to use them. Great session!

DavidWe waves to Andrea

DavidWe agrees with Fred

JennySB: I will be at NECC. I'll also be at the IRA conference in Toronto in May.

GlendaT: I'm teaching probability next week to 1st grade and I can't find many resources on the subject

MichaelH: Oh, wait... before anyone else leaves

DavidWe will be at NECC doing a workshop about Tapped In

LeannM: I will be at NECC in Atlanta too.

MichaelH: Our next session will be on April 25, and we'll be discussing a new online resource from Electric Shadows called, "A World Without Oil"

MichaelH: Me, I just live in a world without enough money to buy oil

DavidWe . o O (8pm EDT, Wednesday 25 April)

JennySB: Sounds cool. I'll look out for David and Leann in Atlanta.

CelesteR: Whoa! Did you say oil?

LeannM: Bye, Bye!

MichaelH: yep... I'll be posting some e-mail announcements about it and the session later in the week

DavidWe will look for the PBS folks in Atlanta, too

AndreaDP: bye good night

GlendaT: David do you know where I could find 1st grade probability resources?

MichaelH: Jenny, thanks so much for joining us tonight. It's been a great session

DavidWe: Do you know about the Math Forum, Glenda?

DavidWe . o O (www.mathforum.org)

DavidWe: Big web site for math education, K-20

JennySB: It's been a pleasure. I'm happy to come back any time, to talk about Social Studies or other subject areas.

MichaelH: thanks, Jenny, we'd love to have you back

CelesteR: Thanks! Good night! Thanks Jenny...I grew up on PBS. I'm forever faithful.

MichaelH: David, I'll let your math brain go to work... I gotta send me a quick e-mail.

DavidWe: Email me - wex@pobox.com - to remind me to look for some resources for you

DavidWe waves to Michael

JennySB: No, it was fine. I'd rather have too many questions than too few. Glenda, I just did a search of our site and found some resources that might help. Check out <http://www.pbs.org/teachers/math/inventory/dataanalysisprobability-k2.html>

