

**Title of Session:** Web 2.0 Tools for Schools - Reinventing PBL (Part 3)

**Moderator:** Lynne Wolters

**Guest Speakers:** Suzie Boss and Jane Krauss

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Room: Web 2.0 Tools for Schools Group

**DeborahMD** joined the room.

**LynneW:** Hi Deborah

**LynneW:** Welcome

**DeborahMD:** hello

**LynneW:** Is this your first visit to our sessions?

**DeborahMD:** yes, I'm explore TI for my Capstone, and was trying to see what a discussion session would be like.

**LynneW:** I encourage you to stay with us. Our guest speakers have a new book coming out next month. They are wonderful - you won't be sorry.

**DeborahMD:** I'd like to. I'm in between putting my son to bed and doing capstone exhibit work. I'm very interested in discovering exactly what Web 2.0 is all about.

**LynneW:** Normally, there is a system-wide announcement our session is about to begin.

**LynneW:** There is no one present tonight that can do so. Let's get started.

**LynneW:** Welcome to our one hour professional development session.

**LynneW:** Our guest speakers are Suzie Boss and Jane Krauss.

**SuzieB** waves

**JaneKr** waves hello

**LynneW:** First, let's do a brief self introduction. Tell us where you are from, what you teach or your role in education.

**LynneW:** Anyone can begin.

**JamesC:** I'm a high school science teacher in the desert of California

**LynneW:** I am from Portland OR and am a professor of educational technology at Concordia University.

**LynneW:** Does anyone else want to introduce themselves?

**DeborahMD:** I'm a Computer Resource Specialist (teacher) at an elementary school in Virginia Beach. Was a Library Media Specialist before that.

**JaneKr:** Hi I'm Jane Krauss, from Eugene Oregon. I'm an educator and the author of a new book on project-based learning in the digital age

**SuzieB:** And I'm her colleague Suzie Boss. I am a writer focusing on education and social change.

**LynneW:** Welcome to all.

**LynneW:** This special interest group was designed as a place to find free Web 2.0 tools and a forum for discussing how and why they could be used for instruction.

CarolineMe: I'm have an open source product support and services company

**JaneKr:** This is the third in a short series about digital tools that support learning, especially project-based learning.

**JaneKr:** Interesting group of folks with us tonight!

**LynneW:** Of course, there are also many tools for networking with peers and assisting with collaboration and productivity.

**ShayneTr** joined the room.

**LynneW:** Jane and Suzie, welcome and please begin.

**LynneW** waves to Shayne

**JaneKr** waves to Shayne

**ShayneTr:** hi

**SuzieB:** Thanks for joining us. Let's dig in!

**JaneKr:** As we begin, let us show you a resource

**JaneKr:** In the left of your screen you'll see a link to Reinventing

PBL Wiki. Please open it in a second window

**JaneKr:** <http://reinventingpbl.pbwiki.com>

**SuzieB:** This is an online space to share information relating to our new book.

**JaneKr:** ...and tonight's session

**JaneKr:** let us know when you are in

**ArielW:** So is there a online conference

**JaneKr:** You will see a link there to tonight's materials

**ShayneTr:** I'm in

**SuzieB:** You'll see a link for Tapped In Session 3: Content and Tools

**JamesC:** I'm in

**JaneKr:** First thing you'll see is the table of contents for our book.

**SuzieB:** As you can see, we use the metaphor of a journey for talking about projects.

**SuzieB:** It's a journey for teachers and students alike.

**JaneKr:** The book focuses on using technology to support teaching and learning, particularly in project-based learning

**JaneKr:** Top item on the wiki page goes to Tapped in Session 3: content and tools

**SuzieB:** Table of Contents gives you the broad overview.

**JaneKr:** The teacher experience is changing with the new tools we have at our service

**JaneKr:** the ways we work with kids is changing, the way we interact with each other is, too

**ShayneTr:** I don't see anything that says Session 3

**JaneKr:** Teaching is less the solitary experience we're used to, and opportunities for collaboration are really expanding

**SuzieB:** Are you on the wiki home page, Shayne?

**JaneKr:** It used to be you did your own lessons, sometimes were able to get together with a like-minded colleague in your building, but real collaboration was hard to pull off

**SuzieB:** <http://reinventingpbl.pbwiki.com/Tapped+In+Session+3:+Content+and+Tools>

**JaneKr:** Also, professional learning is changing

**ShayneTr:** yes, I think so -- it says: Tapped In Session ~ Web 2.0 for Schools

**ShayneTr:** Reinventing Project-Based Learning, Part 2

**DeborahMD:** Thanks, that helped me too.

**JaneKr:** Instead of waiting for the right professional development experience to come along, there is a lot more peer-to-peer learning.

**JaneKr:** So tonight we are going to talk about the tools that aid collaboration.

**ArielW:** What about peer-to-peer learning

**JaneKr:** say more

**SuzieB:** Very important!

**SuzieB:** We'll get to some tools to encourage that, too.

**SuzieB:** But first, let's take a quick look at the essential learning functions that technology supports.

**ArielW:** I hope to know more about peer-to-peer learning

**JaneKr:** If you look in the wiki, there is a brief treatment of essential learning functions, and a longer one for download.

**SuzieB:** Please take a look at the brief look now.

**JaneKr:** We decided to parse the vast number of technologies into eight categories, based on the essential learning functions they made possible.

**ArielW:** I just see Wiki

**SuzieB:** And we focus on the learning functions, rather than the technologies themselves.

**JaneKr:** So, making things visible (and discuss-able)

**JaneKr:** <http://reinventingpbl.pbwiki.com/Essential+Learning+Functions>

**JaneKr:** Right here, OK?

**ArielW:** What are the eight categories

**JaneKr:** Here are the eight categories. Give a quick scan

**SuzieB:** (You all there?)

**DeborahMD:** yep

**JaneKr:** While the tools are changing, growing, mashing up and splitting off, these categories help us think about what we want to accomplish in teaching and learning

**SuzieB:** The functions are more stable than the technologies.

**JaneKr:** Collaboration tools, especially the Web 2.0 variety, are HUGE

**SuzieB:** And, many serve a variety of learning functions.

**JaneKr:** So, think beyond email (maybe the #1 collaborative tool) -= what tools do you use for collaboration?

**JamesC:** I'm there.

**JaneKr:** (then we'll describe a few more)

**ArielW:** Could you take an example to explain how the categories help to accomplish teaching and learning

**DeborahMD:** Sharepoint is used by my school system a lot.

**LynneW:** I use blogging

**ShayneTr:** Actually, my students tell me that email is now passe.

**JaneKr:** I'm going to circle back to you Ariel in a sec

**SuzieB:** What are your students using, Shayne?

**JaneKr:** sure, Shayne, they IM instead

**SuzieB:** or Twitter...

**DeborahMD:** I haven't done any blogging

**ShayneTr:** Facebook is huge.

**JaneKr:** or text message

**JaneKr:** YEP

**SuzieB:** exactly.

**JaneKr:** they serve big social functions, but collaboration is possible too

**ArielW:** thank you Jane

**JaneKr:** One big example (this will make it clear Ariel)

**JaneKr:** Google Docs and Spreadsheets. Imagine...

**DeborahMD:** I was surprised when we did a class on Internet safety how many of my 4th and 5th graders were really familiar with face book and my space

**JaneKr:** Imagine if you and a partner, another teacher maybe, are planning together.

**JaneKr:** You can post a doc to Google and be working on it at the same time.

**SuzieB:** And access it from anywhere...

**ArielW:** ya

**JamesC:** I heard something about Ning groups.

**JaneKr:** Oh we're getting to NING

**SuzieB:** yes, we're about to tell you about a couple

**DeborahMD:** That is what we do with Sharepoint

**SuzieB:** right--key point

**DeborahMD:** I haven't seen that work in google

**SuzieB:** many technologies can fill the bill for each function

**JaneKr:** YES, sharepoint serves that function, but it isn't available to everyone, someone has to buy it for you and the system you work in

**JaneKr:** Deb, check out google docs and spreadsheets, really fun

**JaneKr:** Suzie and I had a doc we needed to collaborate on for iste and we had NO time.

**SuzieB:** While access to technologies may vary, the learning functions remain solid.

**LynneW:** As a youth organization board member, we use Google APPs (docs/mail) to share documents and communicate across multiple locations and locus of responsibility.

**ShayneTr:** my university-aged kids use Google docs for group work

**JaneKr:** We put it in Google docs and she started at the bottom, I started at the top, and we met in the middle. WE looked at each others work, refined, and sent it off!

**ShayneTr:** What happens when you both update at the same time?

**ArielW:** So Jane you mean that it would be far-reaching and widespreading for teaching and learning?

**JaneKr:** A lot of these applications are becoming sharable. Another one: bubbl.us

**JaneKr:** It's a concept mapping tool anyone can get to and contribute to.

**JaneKr:** Think how useful that would be for cooperative planning

**SuzieB:** Shayne, it seems to work fine--both can update at once.

**JaneKr:** (magic!)

**ArielW:** And most teachers and students have easy access to use it no matter where are they, right?

**SuzieB:** Yes, right.

**JaneKr:** Yes, that's the beauty

**JamesC:** What are the strengths of Google docs over a wiki for collaboration on a document? Is there a better Web app?

**JaneKr:** so look for more of these shareable apps

**JaneKr:** James, I'd say a wiki is probably more extensible - you can add more pages, etc., but the doc can be formatted, really desktop published.

**LynneW:** Google APPS is a suite of applications and mail that is password protected, hosted by Google and free or nearly free to education.

**JaneKr:** I'd use a wiki for documenting ideas, and a google doc for producing a written

product

**SuzieB:** But both offer strong points for collaboration.

**JamesC:** Cut and paste. I see.

**JaneKr:** Wikis can be open to anyone, too, totally public

**JaneKr:** with google docs you ask each other to join

**SuzieB:** Wikis can also have a password protection.

**JaneKr:** true

**SuzieB:** So there are layers of control/access/etc.

**ShayneTr:** I know a teacher who has the kids link documents within the wiki... best of both worlds

**JamesC:** wikispaces uses invites also.

**JaneKr:** YES, wikis have that additional functionality, you can add pictures, you can link docs, add URLs, etc.

**ArielW:** So Wiki have many kinds of functions, how wonderful is it

**SuzieB:** So, let's take a look at two kinds of collaboration that support effective projects.

**JaneKr:** Ariel, everyone, check out our entire wiki site when you get time. WE have

**JaneKr:** put a lot of the functions to work

**ArielW:** ya

**JaneKr:** back to wikis in a second...

**SuzieB:** So, first, let's talk about collaboration among educators during the project planning stage.

**SuzieB:** Here's where Ning groups come in!

**JaneKr:** Why might teachers who don't work in the same building want to work together on a project?

**JaneKr:** Gang?



**DeborahMD:** To widen the experience and expertise

**SuzieB:** Right...what else?

**JaneKr:** yes... and...?

**DeborahMD:** You might not have people in your building with the skills you need,

**SuzieB:** How about connecting their learners with others?

**JamesC:** Getting everyone to buy in to the project.

**SuzieB:** Yes, great.

**DeborahMD:** It would increase the number of students participating in the learning process

**JaneKr:** There's a long-tail thing too...

**SuzieB:** Yes--and not just more students but more diverse students, right?

**JaneKr:** What if you had a rare idea, but could connect to THOUSANDS of teachers?

**LynneW** wonders if everyone knows what long-tail means

**SuzieB:** Imagine jumping time zones, for example?

**JaneKr:** You might be more likely to find some who share your ideas

**DeborahMD:** Diversity - big word right now

**DeborahMD:** long-tail?

**JaneKr:** The idea of the long tail (very Web 2.0) is that we have such better access to even the smallest populations that we can reach them, market to them, connect with them...

**JaneKr:** So instead of targeting the middle of the bell curve, where most are, we can get to people out at the extremes. Make sense?

**JaneKr:** Technology allows it.

**DeborahMD:** Like doing video conferencing

**SuzieB:** We share project examples of teachers who have found colleagues through a variety of online media--

**SuzieB:** and then connected their classrooms virtually.

**SuzieB:** So students are experiencing what it's like to be on a team with someone from another place, culture, etc.

**JaneKr:** Deborah, when we get to Classroom 2.0, look for video conferencing - lots of interested educators weighing in

**JaneKr:** advising each other, sharing experiences

**SuzieB:** At the planning stage, there are many tools for finding like-minded colleagues.

**SuzieB:** On the wiki, we list several examples.

**DeborahMD:** When our 3rd graders study Mali, we could connect them to students that live in Mali

**SuzieB:** Right, Deborah.

**JaneKr:** many project exchange services

**SuzieB:** Lots of ways to set up project exchanges.

**JaneKr:** we list some in the wiki

**ArielW:** and maybe we build the community

**JaneKr:** You can build the community you want to be in.

**SuzieB:** A couple that use Ning (a social networking environment) are Classrooms 2.0 and the Global Education Collaborative.

**JaneKr:** Let's talk about NING!

**DeborahMD:** Building communities - big Capstone word

**SuzieB:** Anyone using either of these sites?

**SuzieB:** both were built by educators, for educators.

**LynneW:** I have been using both.

**DeborahMD:** So, if I wanted to connect with other teachers/students/etc. You assist in providing connections?

**ArielW:** Ya I think building a community would [be] more complicated

**JamesC:** I'm ready to hear about Ning. Some like it and others are warming to it.

**JaneKr:** If you know about MySpace, Facebook, all those, imagine social networks that are for professional purposes

**ShayneTr:** I've traded Artist Trading Cards with another art teacher I met through a list. There's a new one with schools in Beijing, connected to Olympics off an arts education Ning site.

**JaneKr:** Shayne, what do you use?

**SuzieB:** James, are you using these sites yet?

**JaneKr:** what list/

**JamesC:** Not yet.

**DeborahMD:** I'm doing a google on Ning now. This is a new term for me

**SuzieB:** Ning allows you to post content, start forum topics, collect "friends,"

**ShayneTr:** Art Education 2.0 (also on a few others incl. Classroom 2.0)

**JaneKr:** Is Art Education 2.0 a Ning group?

**JaneKr:** (I think I've seen it)

**SuzieB:** It's a way for a large community to come together online--

**ShayneTr:** What worries me about Ning is that I've had offers of "friends" from several disreputable individuals (I check which groups they have joined).

**JaneKr:** On Classroom 2.0, over 4,000 teachers collaborate.

**JaneKr:** I agree, Shayne, it's not worth collecting friends who you don't have any reason to know.

**ShayneTr:** <http://arted20.ning.com>

**JaneKr:** I just turn them down.

**JaneKr:** But I've only had oh, five or six of those friend-collector types ask me

**ShayneTr:** of course, but sometimes kids don't take the time to check out who invites

them.... I'm always on about internet safety (I also teach computers)

**JaneKr:** I have about 30 friends and they are really interested in the same stuff as me

**SuzieB:** It's another example of needing to be an aware user of technology...

**JaneKr:** And I know about half of them in real life, it's a nice way to stay connected

**SuzieB:** For educators, groups like Ning allow for sharing ideas, finding potential partners for classroom collaboration,

**JaneKr:** Lynne W and Suzie are my friends in Ning.

**SuzieB** smiles

**JaneKr:** There's a great moderator on Classroom 2.0 named Steve Hargedon

**SuzieB:** Ning is not the only tool for collaboration, of course--it's just one example.

**LynneW:** I have extended "friend" invites to teachers new to these kinds of communities -- just so I can be a mentor.

**JaneKr:** He is just a stellar leader, and brings lots of opportunities and news to our attention

**SuzieB:** Yes, makes for robust discussions.

**JaneKr:** Lynne, are they finding it interesting/helpful to be on Ning as new educators?

**SuzieB:** How about some other tools for teachers to connect?

**JaneKr:** I think the mentoring aspect is great!

**SuzieB:** Anyone in this group a blogger? or a reader of education blogs?

**LynneW:** Frankly, there are mixed reviews. Depends on how experienced the user is.

**LynneW:** Some find it disorienting.

**LynneW:** Some take "friends" too literally and find the concept offensive.

**JamesC:** I read a lot of blogs by tech people.

**LynneW:** Others take to it like a duck to water.

**SuzieB:** Tapped In is actually another great space to collaborate!

**SuzieB:** As you're doing right now...

**LynneW:** I really like NING myself and definitely believe it has a strong place for educators.

**ArielW:** I agree with you Tapped in is great

**JaneKr:** Me too!

**LynneW:** Of course, Tapped In has a big place in my heart and professional development.

**SuzieB:** So, through blogs, teachers are also finding potential partners for collaboration.

**ShayneTr:** Me three!

**SuzieB:** And there are many other sites--iEARN, etc.--where you can go to connect with other project-minded teachers.

**SuzieB:** The wiki lists several examples--please explore later!

**DeborahMD:** I'm starting to get the hang of TI. Some of my Capstone I cohorts find it a bit cumbersome, but I know them personally and they are really the tech type

**ArielW:** how about moodle

**JaneKr:** moodle?

**ArielW:** I think it is also good for teachers and students

**JaneKr:** Lynne, what do you think about moodle as a sharing/collaboration space?

**JaneKr:** I think of it more as a course management service. A great one!

**LynneW:** Moodle is an open source content management system.

**LynneW:** It is very good to shelter classrooms.

**SuzieB:** So let's shift now to student collaboration.

**LynneW:** I tend to like more open web-based spaces.

**JamesC:** Moodle also has blog and wiki function among others.

**ArielW:** In moodle it seems to have sharing space like Forums

**JaneKr:** Yes, moodle is building out, highly extensible

**SuzieB:** What tools are you using to foster teamwork among students--whether they are in the same room or on opposite sides of the world?

**SuzieB:** Examples we share in the book demonstrate many good ideas...

**ArielW:** I used to set new topics in Forum in Moodle

**JaneKr:** Ariel, was that among co-located students, or ones who were working at a distance?

**JaneKr:** Online course or f2f?

**ArielW:** there are courses for joining

**LynneW:** "Our City" Podcasts is an excellent elementary example.

**JaneKr:** Lynne, give us the link so we can add

**LynneW:** BRB

**JamesC:** My school really doesn't offer access to technology, except computer classes. I hope to change this some day.

**JaneKr:** podcasts are a great way to let people teach each other about what they know, where they live, what they care about

**SuzieB:** James--I'm sure your students hope this changes, too!

**JaneKr:** James are you highschool?

**DeborahMD:** we have just started introducing our 5th grade students to SharePoint. Not quiet on the level of some of the other tools. Currently they mainly use it for storage. It is so hard to get my teachers to use it's full potential. They do in middle and high school

**JamesC:** Yes, Twentynine Palm, CA

**LynneW:** May I project the site?

**JaneKr:** YES

**LynneW** projects <http://www.learninginhand.com/OurCity/>

**ShayneTr:** I'm interested in trying out an idea I saw where you invite a "guest" artist on a blog or wiki where kids could write in and ask questions about career, art etc. and the guest could answer them.

**SuzieB:** This is great, Lynne!

**SuzieB:** So it's all about students creating content, right?

**DeborahMD:** yes

**SuzieB:** That's a defining feature of Web 2.0 tools.

**LynneW:** Yes. the podcasts are hosted for free and Tony Vincent does the post production.

**SuzieB:** Wonderful.

**ArielW:** It is interesting

**JaneKr:** Shayne, did you find any like-minded folks in your Ning community?

**SuzieB:** And teacher resources, too, I notice...(right column)

**LynneW:** He provides a complete set of resources for teachers of any experience who wants to do the project with their kids.

**SuzieB:** A great example of new communities of practice coming together online....

**JaneKr:** this is great, that added component for teachers, builds capacity among professionals/colleagues

**ShayneTr:** Oh, lots of great ideas and discussions!

**LynneW:** Suzie and Jane, do you have any closing thoughts you want to share?

**ArielW:** And it may attract more students

**LynneW:** Folks, do you have any questions that haven't been asked?

**SuzieB:** I hope you all have time to explore the wiki examples later...

**SuzieB:** you'll get more ideas!

**ShayneTr:** Do you have a "parental permission form" ?? I'm nervous about parents not giving permission to try these ideas...

**LynneW:** I would like to plug Suzie and Jane's new book. It will be available at the ISTE online bookstore and at Amazon.com

**JamesC:** For practice, could Ning be used to form a desert mountain biking group from a couple of cities?

**JaneKr:** Check out your district aup policy, I'm sure this is covered

**DeborahMD:** I feel that there is so much. I'm looked to in my building as the expert and I don't feel it right now. You have opened a whole new world to me

**SuzieB:** Shayne, you might want to read a blog called Beyond School--some great discussion there on this topic.

**JaneKr:** YES James, you can form any ning group you want. I just helped a guy start one on internationalizing computer science education

**JaneKr:** it will be worldwide!

**LynneW:** Believe me, the rest of the world is online and welcome collaboration.

**JaneKr:** I encourage everyone to read blogs. I meant to ask (was it Shayne or James, a guy) who you read already

**JaneKr:** David Warlick is popular.

**JaneKr:** For K-5, read Anne Davis ( <http://anneteachesme.com> )

**LynneW:** May I plug my ed tech news and resources blog

**JaneKr:** )

**JaneKr:** YES Lynne!

**LynneW:** CU-Online <http://cuonline.blog-city.com>

**JaneKr:** and we have a blog (all God's children got blogs)

**LynneW**lol

**JaneKr:** <http://reinventingpbl.blogspot.com>

**SuzieB:** please join us there!

**ShayneTr:** Alan November also interesting



**SuzieB:** absolutely--a visionary

**JaneKr:** We thought we wrote a book but it was really the start of a chronicle of ongoing good things happening in education

**JamesC:** I read MGuhlin and Fryer's blogs. Very good.

**JaneKr:** I love Wes Fryer

**LynneW** agrees

**JaneKr:** I don't know MGuhlin

**LynneW:** He is another good one.

**JaneKr:** Also, there are a few international ones to read

**JamesC:** They are friends.

**JaneKr:** Clay Burrell, beyond school

**JaneKr:** Ewin MacIntosh (scottish)

**JaneKr:** Go to our blog and in the blogroll on the right, there are our faves, about 10

**LynneW:** I'll post a list of blog links that will be of interest to you.

**ArielW:** Lynne there is a lot of information in your blog thanks

**LynneW:** Thank you Ariel.

**SuzieB:** We hope you continue exploring--so much to discover.

**LynneW:** The left-hand side has best of the best web resources (that I could find) arranged in alpha order by topic.

**SuzieB:** And your students will benefit!

**JaneKr:** Don't wait for learning opportunity. It's all around you

**LynneW:** Thank you all.

**LynneW:** APPLAUSE

**JamesC:** When my students get access, I hope to be ready.

**SuzieB:** Now more than ever, you can use these tools for your own active learning.

**ShayneTr:** Thank you!

**LynneW:** APPLAUSE, APPLAUSE

**SuzieB:** Thanks you all for joining us today.

**JaneKr:** Thanks for your great ideas

**JamesC:** Thanks.

**DeborahMD:** we had Will Richardson at our summer training

**DeborahMD:** Great speaker

**SuzieB:** Wonderful!

**JaneKr:** Oh, Mr. Richardson, he's the MAN

**SuzieB:** We met him when we were FIRST blogging!

**JaneKr:** Suzie launched his career

**LynneW:** If you do not belong to this TI group, please consider joining.

**SuzieB:** ha!

**DeborahMD:** Thanks for the help and exposing a new world

**SuzieB:** Good luck--

**JaneKr:** you are welcome

**JaneKr:** best to all

**SuzieB:** and thanks for joining.

**JaneKr:** Good night

CarolineMe: thank you!

**SuzieB:** Good night all.

**SuzieB:** Thanks!

**LynneW:** Good night all.

**ArielW:** And thank for everyone's great ideas

**SuzieB** waves

**JamesC:** Bye very one.