

**Title of Session:** Science Resources K-20+

**Moderator:** Jeff Cooper

**Title of File:** 20050906sciencek20

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Room: Science Resources Group

**JeffC:** Hi everybody... thanks for coming.

**LeonardK:** good evening

**TerriJS:** what does everyone teach? I teach 4th grade.

**LeonardK:** I teach chemistry to 12th graders

**JeffC:** That's what we'll start with Terri... introductions from everybody.

**AnitaMB:** I teach 4th grade Math and Science

**JeffC:** If everyone could type in a sentence or two about themselves... we'll get started.

**MargaretTK:** I'm a librarian for our SPED classes so I sortof do everything

**TerriJS:** I live in Western PA and teach 4th grade. I LOVE science.

**LeonardK:** Other than teaching chemistry I am this year teaching a technology class that is about Flash and web development

**AnitaMB:** I've been teaching for 6 years, but this is my first year in 4th grade. I'm looking for science ideas.

**TerriJS:** I have lots of those.

**TerriJS:** I have been teaching for 32v years

**BJB2:** there will be a very special presentation of NanoSense tomorrow in Tapped In that should be of interest to the science teachers

**LeonardK:** I have been teaching for about 25 years and I was a research chemist for 5

**AnitaMB:** What's NanoSense?

**SusanR** listens

**BJB2:** [www.nanosense.org](http://www.nanosense.org)

**DavidWe:** I'm David Weksler. I'm in New Jersey and help teachers learn more about technology for education - especially math and science

**DavidWe:** There will be a presentation tomorrow at 6pm EDT/3pm PDT on NanoSense

**DavidWe:** . o O ( in Tapped In )

**LeonardK:** nanosense is about nanotechnology, small stuff

**MargaretTK:** This year I am trying to coordinate websites with Louisiana's new comprehensive curriculum

**DavidWe:** Where in Louisiana are you, Margaret?

**SusanR:** I'm Sue Roseman - K to 8 Occasional Teacher in Ottawa, Ontario Canada and K to 3+ Great Resources Facilitator

**TerriJS:** Hi Susan

**AnitaMB:** Margaret, are you working on any particular grade level?

**JeffC:** I'm Jeff Cooper, in Forest Grove Oregon, facilitator of this (and a few other) groups, and also on Tapped In Helpdesk.

**MargaretTK:** New Iberia--about 135 miles east of NO--closer as the crow flies.

**AnitaMB:** I'm having a real hard time following Louisiana's comprehensive curriculum in science

**DavidWe:** nods

**LeonardK:** Is this like what we have in VA, called of all thing, SOLs for standards of Learning?

**MargaretTK:** I'm working on all grades. As I find exemplary sites. I add them

**MargaretTK:** What grade are you teaching Anita?

**TerriJS:** Pa has the PA Standards

**AnitaMB:** Teaching 4th in Morgan City. Are you posting these sites anywhere?

**JeffC:** OK... let's move to the Agenda items. I'm thinking that what you have to deal with regarding standards, NCLB, etc... might be a good topic for a folder of Discussion threads...

**MargaretTK:** Science is the weakest of the curriculum.

**TerriJS:** PA is testing this year on the science standards

**AnitaMB:** The comprehensive curriculum doesn't seem to go real well with our text books.

**MargaretTK:** I can. I'm trying to use AskSam to organize things & it has a web publishing program.

**TerriJS:** Anita I'd be glad to help you find activities to go with your curriculum

**LeonardK:** Are there areas that are not well represented in you list Margaret?

**MargaretTK:** Maybe I can start looking at 4th grade science.

**AnitaMB:** thanks

**TerriJS:** I'll send what I have

**JeffC:** OK... what is going on here is great... the main goal of Tapped In is getting educators to collaborate. There is a problem though. We only meet here real time once a month. To facilitate \*ongoing communication and collaboration\*... I'm pushing for members to start using the Discussion board here in this room.

**TerriJS:** yes, master (hehehe)

**MargaretTK:** Well, I'm just starting. However, one of the supervisors said we just can't count on getting everything out of one book/

**JeffC:** First... in order to post to the Discussion board in a group room... you must be a member of the group.

**JeffC:** Is there anyone here who is not yet a member of this group? If not... scroll down the top frame and click the little "i" in the green circle next to the Science Resources K-20+ link... then click the link to join the group.

**MargaretTK:** I just joined

**LeonardK:** So you are suggesting that on the Discussion area in the Standards Issues folder we should carry on this discussion later?

**JeffC:** Click the Discussion link on the left... then click the Personal Introduction folder.

**JeffC:** Start a thread for yourself... entitle it your name and/or include something you wish to discuss (as you're doing here now).

**TerriJS:** ok

**JeffC:** You are free to continue the discussion here now as well Leonard... but there's a problem.

**JeffC:** This group has almost 200 members... yet there are only a handful of us here today.

**JeffC:** Synchronous chat is good... and we can talk about any topic... but it won't reach every one in the group.

**JeffC:** By posting to Discussion you will automatically email everyone in the group.

**LeonardK:** So what is today discussion going to be about? I'm all ears!

**JeffC:** The message boards act as mini-listservs... emailing everyone.

**JeffC:** Discussion about discussion for now... if you look at the Agenda in the Welcome screen... we're on #1 right now

**JeffC:** What I suggest you do now is make a post to Discussion (placing it in whatever folder you like)... others can respond. My goal is to get the Discussion boards used more.

**JeffC:** It is up to you whether or not to turn Digest on. Like any listserv... discussions can get overwhelming (numbers of emails, etc.)... right now... there isn't much in terms of collaborating going on within this group... and I would like to facilitate that.

**TerriJS:** Digest...I'm new...explain please

**JeffC:** Digest means that you would receive \*one\* email a day from the system with \*all\* the posts from that particular group.

**DavidWe:** Compilation of one day's email that comes as one message

**LeonardK:** What type of collaboration do you see going on? Are there more chemistry folks? Can I be a resource for the elementary folks? What is your idea

**JeffC:** (or none if there isn't any).

**JeffC:** Great question Leonard.

**DavidWe** is a chemistry folk

**TerriJS:** I for one would like some help in chemistry.

**LeonardK:** Last night, my time, you (Jeff) suggested something on New Orleans and water quality. Just before I got on this discussion Yahoo news had an article on water quality problems

**MargaretTK:** I just posted about my project in "Standards"

**DavidWe:** [www.epa.gov](http://www.epa.gov) has stories about teams doing water quality testing

**JeffC:** I'm thinking that there are a number of ways that science teachers can work together. There are a number of lists out there that do that as well (I\*EARN, IECC, Jason Project). What we can do here is get people in touch with each other... use \*this site\* to get people to meet up. Since you can bring your K-12 students here... they could actually meet in public K-12 student rooms as well and work on projects together.

**JeffC:** Good job Margaret

**LeonardK:** Terri, I'm happy to give you any help I can. Let me know what you are looking for and I will be glad to do what I can.

**JeffC:** One thing I should have mentioned.

**JeffC:** When members receive their emails... they can't reply to the message directly... there's a link for them to follow to login to Tapped In and reply.

**MargaretTK:** The Jason Project is focusing on Louisiana's Coastal Erosion. Definitely a timely topic

**JeffC:** It's often best to include your email in the body of a Discussion post to facilitate getting a direct reply from people.

**JeffC:** Good point Margaret... if you know more about it... you might want to post info about it in the Collaboration and PBL folder within Discussion.

**JeffC:** Getting sites into Discussions is good... because they actively go out to members. You can add links to this group room... but unless someone is in it... they won't see it. Everybody (well... \*almost\* everybody... probably sees their email.

**JeffC:** Questions/comments so far?

**MargaretTK:** Glad to be with you all

**MargaretTK:** I'm finding partial info on Jason--will check a little more later

**JeffC:** OK... please feel free to continue to post to Discussion... indeed... chat some in here as well (don't want to quell all conversation).

**JeffC:** Next item on the Agenda is to talk a bit about Passageways. I'll make this quick.

**JeffC:** If you look at the Welcome screen and scroll down the top frame, you will see a number of links to other groups here at Tapped In.

**JeffC:** I strongly recommend that you create an office for yourself here... and later create a Passageway to this group (and any others that you like)... in your office or (if you're a university professor)... to your classroom group.

**JeffC:** The idea is to get more Masters (and Phd.) students into here... and other Science Resources rooms at Tapped In.

**LeonardK:** OK how do you create an office?

**JeffC:** Adding a Passageway is a bit confusing and long... I'm not going to go into the details of it now except to say that you start by clicking the Passageway link on the left of the top frame, then click the Add a Passageway link and search for the room you want to build a passage to...

**JeffC:** Leonard: 1) Click the "Me" tab in the top frame 2) Click the "Create your office" link

**JeffC:** Much easier to create an office than a passage!

**LeonardK** left the room.

**LeonardK** joined the room.

**LeonardK:** OOPPS I went to my office sorry

**MargaretTK:** I already have an office

**LeonardK:** I thought I did

**JeffC:** You're back Leonard... nicely done.

**JeffC:** Here's my point about Passages:

**JeffC:** There are over 700 professional development groups and university classes here... but \*very few of them link to each other\*.

**JeffC:** Passages gives a visual reminder to users that there are other rooms with resources that could be checked.

**JeffC:** I only feature rooms here where I have found good resources. If you build up your office, please feel free to contact me and I will add a passageway to it from here, and feature it.

**JeffC:** From your own office, please feel free to build a passageway here to Science Resources K-20+

**MargaretTK:** Maybe that would be a good place to put my links

**JeffC:** Absolutely Margaret... you can also add them here.

**LeonardK:** Another newbie question - what goes in an office?

**BJB2:** depends on what you want to use your office for, Leonard

**LeonardK:** Good nonanswer:-)

**JeffC:** I did have a public bookmark file with math and science links... but for some reason the site crashed and the admin there haven't returned my emails! I have a number of public science links in my science folder (within my Mr.C's Bookmark folder) at <http://www.mybookmarks.com/public/coops>

**BJB2:** you can use your office as a resource room for colleagues

**JeffC:** You can hold virtual meetings there (and virtual office hours).

**BJB2:** or you can just use it as a private space

**DavidWe** uses his office as an extension of his car trunk

**BJB2** . o O ( far from the madding crowd )

**TerriJS:** hahaha

**JeffC:** OK... let's move on to Agenda item 3: Hurricane Central

**BJB2** laughs...Terri, if you've ever seen David's car trunk, it's not a pretty sight!

**DavidWe:** That's why it is opaque

**JeffC:** Bj has created a group room for collaborating, supporting displaced students, lesson plans, etc... regarding Katrina. I'd like to continue this meeting there.

**JeffC:** I'll go there... then people can join me.

**DavidWe:** I'll help direct people

**JeffC** left the room.

**LeonardK:** OK where are we going?

**TerriJS** left the room.

**BJB2:** click on the ONLINE tab then click one time on Jeff C and then click on the door icon

**SusanR** left the room.

**LeonardK** left the room.

**BJB2** . o O ( ONLINE is to the left of this chat window )

**BJB2** left the room.

Room: Hurricane Central Group

**BJB2** joined the room.

**BJB2** . o O ( quick group, Jeff! )

**TerriJS:** we try

**JeffC:** OK... we're all here except for David and Anita (Anita is idle)... so let's continue.

**TerriJS** smiles

**JeffC:** Scroll down the top frame and read Bj's intro to the group room.

**JeffC:** Then... click the link to the group profile (the little "i" in the green circle)... and then click the link to join the group (if you are interested).

**BJB2** . o O ( or if you haven't already joined )

**JeffC:** I think that science educators can really use this horrible situation to become important and relevant teachable moments throughout the year.

**JeffC:** OK... as with Science Resources... there are a number of folders here for Discussions.



**LeonardK:** I think that it can be used for a number of jumping off points science as well as many other areas

**JeffC:** This group doesn't have the numbers of science resources... yet. But again... if we start building... posting... collaborating over the coming weeks and months, this can become a very important resource for science educators.

**DavidWe** joined the room.

**JeffC:** Exactly Leonard... for example... you could teach across the curriculum with Social Science teachers.

**BJB2:** Jeff, you can add a passageway to the Science and Math resource rooms

**JeffC:** Politics and Science definitely are mixing it up on this one.

**TerriJS:** we compared this disaster to the '77 Johnstown Flood

**SusanR** joined the room.

**LeonardK:** I was also thinking that writing could use any number of ideas here

**JeffC:** I already created a number of links to Science groups within Tapped In BJ... just didn't feature them.

**JeffC:** Absolutely Leonard.

**LeonardK:** In math there are many spots where calculations can be made. what was the total volume of water if ... and the like

**JeffC:** acre feet of water... good one...

**JeffC:** there are also sites that give aerial views...

**LeonardK:** Let's start with cubic feet and go to acre feet, a bit easier that way.

**TerriJS:** google earth gives a good view

**JeffC:** yes... google earth is awesome

**LeonardK:** Ok what is google earth?

**LeonardK:** Of is that the verb google and then earth

**MargaretTK:** Regular google maps have Katrina pictures

**TerriJS:** is it [www.google.earth.com](http://www.google.earth.com) or [www.earth.google.com](http://www.earth.google.com)

**DavidWe . o O** ( earth.google.com )

**LeonardK:** Thanks

**TerriJS:** but it is a satellite view of earth

**DavidWe:** It's only a Windows application, as far as I know

**TerriJS:** you can zoom into area

**DavidWe:** very cool

**JeffC:** right!.. windows only

**DavidWe . o O** ( individual houses are visible )

**MargaretTK:** yeah, but it's a little challenge to figure out my sons' former house.

**JeffC:** here's my house:

<http://i22.photobucket.com/albums/b329/jbcoops/poison/jeffhouse.jpg>

**JeffC:** Free download... PC only...

**JeffC:** Anyhow... it's \*not real time\*...

**JeffC:** There are other sites that show the devastation.

**TerriJS:** is there another operating system?

**JeffC** will be posting some of them here.

**LeonardK:** And how much would the space folks charge for real time??

**JeffC:** Only ones that don't get viruses Terri!

**DavidWe** smiles

**TerriJS:** you win

**DavidWe . o O** ( Think Different )

**JeffC:** Good question Leonard... have any friends at NASA or DoD?

**DavidWe** has a good friend at JPL in Pasadena

**LeonardK:** NO

**DavidWe:** She's working on a chemical nose for the Space Station

**MargaretTK:** msnbc.com is pretty good, but I'm not sure about the science applications. However, the videos could serve as an intro to a science lesson

**DavidWe:** eNOSE

**BarbaraMu** joined the room.

**JeffC:** OK... I want to wrap up today with a message about K-12 student groups. If you want, you can create a group for your K-12 students here... create accounts for them. I'd like to encourage teachers to do that... this is the safest environment for K-12 students on the Net.

**BJB2** waves to Barbara

**BarbaraMu:** Hello all

**JeffC:** 1) Click the "Tapped In" tab 2) Click the "Groups" subtab 3) Create a K-12 group and follow the prompts.

**JeffC:** Hi Barbara

**JeffC:** Just about to wrap it up here.

**JeffC:** We're on a field trip from science class.

**BarbaraMu:** Just adding more resources

**JeffC:** Excellent Barbara

**BarbaraMu:** thanx

**BJB2:** Barbara is leading the School Counselors resources discussion on September 22. She'll be covering a lot of sites to help victims of the hurricane deal with the emotional and mental stress

**MargaretTK:** Do the students need an email to participate?

**BarbaraMu:** in conjunction with the anniversary of 9/11 and trying to get school off the ground!

**JeffC:** Good question Margaret... no... they don't need email to participate at Tapped In.

**JeffC:** Teachers automatically receive transcripts when students login...

**TerriJS:** I live 30 miles from the Flight 93 Memorial

**TerriJS:** We will be visiting there this coming weekend

**MargaretTK:** I need to teach an information resources lesson. This may work

**JeffC:** Students can chat... post on Discussion boards within their group rooms... collaborate with students from other schools (in a public group room within the student campus... if and only if both teachers give their permission to do so).

**JeffC:** OK... people are free to hang out... chat as long as you like... or go back to Science Resources K-20+ and post (or post here)... for some reason my kids are screaming at me to feed them.

**TerriJS:** Ha

**JeffC:** I guess I'll have to go now and lock them in the closet

**TerriJS:** it is time for bed here

**BJB2:** thanks, Jeff.

**JeffC:** Thank you everyone for coming... joining this and the Science Resources group.

**TerriJS:** later gators thank you Jeff

**BJB2** waves goodnight

**LeonardK:** see you folks later

**JeffC:** Remember to post throughout the month... keep it going!