

Title of Session: Science Resources K-20

Moderator: Jeff Cooper

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Room: Science Resources K-20 Group

SusanR: Here is the gist of of what Alan November had to say at NECC09 ..food for thought

SusanR: <http://nwpwalkabout.wordpress.com/2009/07/01/alan-november-at-necc/>

JeffC: best is to accept popups from tapped in (on firefox go to tools-- options, etc.)

JonathanH: thanks. I think I had my popup blocker on too

JeffC: I'd like to start with introductions... please tell me a bit about yourselves, what you teach, what you hope to get from this group, etc.

JonathanH: I'm currently a substitute teacher and a grad student. Going for my Master's in Social Studies but I just wanted to check out this group and see what resources are out there.

KatherineT: Hi! I'm Kat, a graduate student from Virginia. I'm going to teach elementary. I'd like to find some new and interesting ways to teach science.

AlexandrGM: hi, I'm Allie and I teach high school biology in Staten Island, NY. I hope to learn about some resources that I can use in my biology class that some other teachers have tried working with

MathewR joined the room.

BJB2: Hi, Mathew. We're just starting introductions

MathewR: hello

JeffC: I'm on Tapped In Helpdesk and facilitate this group (though I'm not a science teacher). I'm in Forest Grove Oregon.

JeffC: Basically I want to start by having everyone join this group.

JeffC: To do that, click the little "i" in the green circle next to the link for this group at the end of the Welcome box in the top frame.

JeffC: Then click the link to "join this group" and then the Room View button to return

to the welcome screen.

KatherineT: Okay

JeffC: once you've joined this group, you may (now or later) post a personal introduction in Discussion... as well as post replies to the many other Discussion threads here.

AlexandrGM: ok

JeffC: this group meets only once a month, but if you're looking for lessons, or someone to do an international science project with, the Discussion board acts as a mini-listserv and forwards via email to all the members in this group.

KatherineT: Cool

AlexandrGM: very cool

JonathanH: seems like it helps a lot with collaboration

JeffC: currently this group has 115 members.

AlexandrGM: wow

JeffC: yes... that's the focus of Tapped In in general Jonathan.

JonathanH: does a lot of interdisciplinary planning go on?

JeffC: if you're a science teacher, why not set up some experiments that could be done internationally and use TI as a hub to connect with other teachers? you could do water purity tests, etc.

JeffC: not yet, Jonathan... but it isn't like we're not trying to make it happen!

JeffC: I did international projects with my students over a dozen years ago (using a 386)... but I really don't think that even though the net has become much more prevalent, that many more teachers are really using it to best advantage in their classrooms.

JeffC: the reasons are myriad...

JeffC: but to get you started here, note that this group officially collaborates with a number of others.

JeffC: Beyond Penguins, International Professional Development, Middle School Science, National Institute of Aerospace, Physics Teachers and Science Writing in Denali.

JeffC: I'd encourage all of you to check out those groups at some point as well.

JeffC: Plus we have several K-12 classrooms here that also double as resource centers and ways to collaborate.

JeffC: a quick way to see other groups that might interest you is to click the Passageways link on the left of the top frame.

JeffC: please *don't* click any of those passageways now though!

JeffC: or you'll leave the room.

KatherineT: Wow so many resources!

JeffC: The site I wanted to highlight today is The Scout Report: <http://scout.wisc.edu/Reports/ScoutReport/Current/>

JeffC: right Katherine... please don't feel overwhelmed!

JeffC: please just make a mental note to come back and explore!

JeffC: here's that link again Alexandra... be sure to hold the Ctrl key down when clicking:

JeffC: <http://scout.wisc.edu/Reports/ScoutReport/Current/>

AlexandrGM: ok thanks

JeffC: the link is also on the Whiteboard.

BJB2 . o O (all urls will be in your transcript)

JeffC: The Scout Report is a must read newsletter for science teachers.

JeffC: and math teachers as well...

JeffC: not to say that math and science teachers shouldn't work together... they should! but I don't think it happens very often that the two groups collaborate.

JeffC: but think of all the science projects that involve math (not to mention English)... again though... we tend to encapsulate education rather than expanding horizons.

MathewR : I'm def. planning on it (<---Math teacher hopefully)

JeffC: go ahead and take a few minutes at Scout (register)... then report back.

KatherineT: Registered and activated!

JonathanH: ditto

MathewR : as did I

AlexandrGM: same here

JeffC: great

AnneN: me too

LauraGal joined the room.

BJB2: welcome, Laura

JeffC: Hi Laura

JeffC: everyone was just registering at Scout Report
<http://scout.wisc.edu/Reports/ScoutReport/Current/>

LauraGal: sorry I'm late.

JeffC: it's an excellent newsletter for science (and math) teachers.

LauraGal: sorry late

JeffC: well... I usually make late students do push ups.

JonathanH: saw some ss related info. on it too

LauraGal: just fractured rib...can't do pushups

JeffC: ok... I'll take your word for it!

LauraGal: will register now. just click on link?

MathewR : I'll do your pushups Laura

JeffC: now... since there are several elementary ed teachers here... I wanted to share a couple sites... as well as recommend that you join Susan's K-3+ Resources room here... yes Laura... hold the Ctrl key down and click.

JeffC: then register at Scout.

LauraGal: thanks

JeffC: my first site for elementary is <http://www.brainpop.com/> ...that's the main site page (all subjects)... there's a single click to get to Science.

AlexandrGM: this site looks like lots of fun!

LauraGal: any reason I might be having trouble getting to site?

JeffC: your popup blocker

LauraGal: yep...thanks

JeffC: are you trying to get to Scout or brainpop? ok... got it fixed?

AlexandrGM: do you have to register to get all the videos on brainpop?

JeffC: I think so

AlexandrGM: I teach high school, would those videos be appropriate for my students?

JeffC: high school... I'd probably start them with <http://www.yucky.com>

JeffC: even middle school

AlexandrGM: ok I'll check that one out

JeffC: here's a question for all you science teachers... where are your links?

AlexandrGM: the yucky site actually seems a little more childish than brainpop so maybe I'll try out the videos on brainpop

JeffC: it's up to you what sites to use and/or how to use them. there are thousands of science sites... I'm curious what you all have collected (whether on del.icio.us or elsewhere).

JonathanH: not a science teacher but I love watching mythbusters on the discovery channel

JeffC: more significant sites for high school would be science fair project sites.

JonathanH: I know they have discoverystreaming videos

AlexandrGM: I like mythbusters too and my students do too. That show helps greatly in motivating my students

JeffC: cool

SusanR: btw one of BrainPOP's Spotlights at NECC was on Natural Disasters
<http://www.brainpop.com/educators/blog/>

JeffC: thanks sue

SusanR . o O (wishes there was more Canadian content
<http://www.brainpop.com/socialstudies/ushistory/causesoftheamericanrevolution/>)

AlexandrGM: right now I am watching a video on brainpop on dna and it would be great for my hs students. it is pretty basic but a good review of a dna lesson

AnneN: I am not a teacher yet but I will teach earth science when I have my certification. I have not explored many online resources yet.

JeffC: I just uploaded two notes... one of them has a number of science fair sites... the other has a large number of links from past years.

JeffC: if you click the Welcome link on the left of the top frame you'll see them.

LauraGal: cool videos on global warming on brain pop

JeffC: yup

LauraGal: my students would love the site with science fair ideas

JeffC: and even if you're teaching high school, and feel that the stuff is beneath the level you're trying to reach... why not work out a mentoring program with the elementary schools... have your students work with younger grades. i know that science is really undertaught in elem.

JeffC: great Laura

JonathanH: with all the focus on testing in the younger grades a lot of subjects are undertaught

LauraGal: my school still have a science fair for third through eight grades

JeffC: I'm also going to plug tomorrow's "Where is Math 2.0" session here... because the same may be asked "Where is Science 2.0" ... it's an Elluminate session by Steve Hargadon: <http://www.futureofeducation.com/forum/topics/where-is-math-20>

AlexandrGM: and with all of the pressure of testing on hs students it's hard to find the time to have my students mentor elementary school kids

JeffC: right Jonathan... but it's endemic upon teachers to transcend the travesty! teaching

science teaches a whole slew of "standards" found in other grades.

LauraGal: a bunch of us are on elluminate for our classes...is it conducted there

JeffC: cool

JeffC: what university, Laura?

JonathanH: CSI

LauraGal: College of Staten Island...80% of our class is conducted on elluminate.

JeffC: oh... that's right... you're all studying to take over for Ducky on NCIS!

JeffC wonders if he is the only one who watches CSI and NCIS in here.

LauraGal: I do...but still don't get it.

JonathanH: lol

JeffC: that's ok... my humor often evades me as well.

JeffC: so anyhow...

SusanR: I do

JeffC: what I'm looking for here is to get the science teachers collaborating during the year.

JeffC: I can put up links and resources (there are many here)... but what I'd really like to see is have the science teachers set up their own classrooms here and collaborate with others.

JeffC: joining this group is step one.

SusanR: hey don't forget to use Brainpop's brainstorming tool

JeffC: coming back after your own CSI courses are done is step two... and quite a big step.

JeffC: too often we're in a box of checking off boxes.

SusanR: and print off blank vocab pages for students to use during the movies

LauraGal: I'll be back...think this is a great resource.

AlexandrGM: I agree this is very helpful

JeffC: on Saturdays at 11 a.m. I help teachers create their own virtual classrooms here.

JeffC: that's 11 a.m. Pacific.

JeffC: every other week I start at 10 and focus on collaboration.

JeffC: this group meets only on the first Tuesday of the month.

LauraGal: what platform do you use?

JeffC: but you're free to post at any time... and I encourage you to go through the Discussions, reply, or start a post of your own.

LauraGal: elluminate or something else?

JeffC: you may also add links, etc. here.

LauraGal: we also use skype

JeffC: I use all of the above and more... but I'm talking about using Tapped In as a hub... get a virtual classroom here and then work with others to use Skype, Elluminate, Wiziq etc. ...especially if you can hook up a smartboard to a webcam in different classrooms.

LauraGal: that's very cool

JeffC: for now... my kid is still bugging me to play catch, so I'm going to sign off a bit early (but won't log out)... I have to feed the darned kids too (which is strange, since I just fed them last week).

AlexandrGM: haha

KatherineT: Lol

JonathanH: lol

KatherineT: Thanks for everything Jeff!

JeffC: thanks all for coming!

JonathanH: thanks Jeff

AlexandrGM: thanks for all your help. I love brainpop!

JeffC: and if you can make it Saturday I'll be happy to get you set up.

LauraGal: thank you Jeff. I was late because of my son...needed a bath. ha!

JeffC: feel free to copy/paste the Science Fair Notes and other resources here in an email to yourself (and peers).

JonathanH: crazy kids

JeffC: yeah... and the duct tape doesn't hold well after age 8.

BJB2 groans

SusanR: ha ha

LauraGal: mine is five and the duct tape never worked

MathewR: my parents did that to me until I was 25

JeffC waits for BJB to call DHS on him... while he goes out to play catch. Bye all!

KatherineT]

JonathanH: later Jeff

LauraGal: ha...thanks again.