Title of Session: K-20 Science Resources - Meet Pat Viele
Moderator: Jeff Cooper
Guest Speaker: Pat Viele
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Room: K-20 Science Resources Group

PatV waves

JeffC: Pat... we might not have many takers today.

JeffC: If not... we can reschedule for next month.

PatV: That's OK. I need the practice.

JeffC: great

JeffC: I've featured your Word doc.

PatV: Do either of you have questions for me?

JeffC: not me... we had a good chat the other day... looking forward to your sharing your info with others.

PatV: What does it mean to feature my word doc?

BJB2: likewise, Pat. I'm looking forward to meeting your colleague

JeffC: it means it shows up on the Welcome screen.

BJB2: if I have a more descriptive blurb, I can add that to the description of the science discussion for February

JeffC: ok

JeffC: let's go with Plan B and do that then.

PatV: is there an average length of time that meetings last? I suppose it depends on who comes?

JeffC: right... well... meetings are usually 1 hour.

BJB2 . o O (it's amazing how quickly an hour goes by!)

JeffC: you've got plenty to cover that time with your sites.

JeffC: people always ask questions, etc. as well... usually we have at least half a dozen or more. i think that because we're fresh out of vacation people aren't back into the swing.

PatV: I have some questions about using this system. I now have a group for physics teachers. As "owner", is it up to me to set times for conversations?

JeffC: we'll advertise February... I'll also let the people know at madsci.org know about it.

JeffC: if you want to calendar a physics event, just let BjB know.

JeffC: you can hold meetings any time you want, but if you want a scheduled meeting on the TI Calendar, she is the one who posts it.

PatV: I may wait until after the joint AAAS/AAPT meeting. I would like to introduce the idea of Tapped In during my talk.

JeffC: cool... when is that meeting?

BJB2: also, Pat, if you write a little article about the physics group, I can put that in the Tapped In newsletter

PatV good idea

JeffC just invited your group to collaborate with this one... which will make it easy for members from both groups to enter the other.

PatV: Good. It has been my experience that we all learn from each other.

BJB2 nods solemnly

SusanR joined the room.

AbdulKh joined the room.

BJB2 waves hi to Sue and Abdul

SusanR: Abdul, did you have a chance to look at that link I posted?

AbdulKh: yes..they were really interesting .

AbdulKh: I read some stories to my son(vi grade)

AbdulKh: how do we wave?

PatV: I just peeked at Susan's information. We seem to have a lot in common.

SusanR: in what way, Pat

BJB2: Abdul, start the line with a colon followed by the action

BJB2: type :waves

PatV: We both are interested in good science web sites for children, I think.

AbdulKh waves hi

AbdulKh: ok

SusanR: yes, indeed

BJB2: good job, Abdul

BJB2: Pat, Tapped In was originally funded by a grant from the NSF

AbdulKh . o O (checking mail)

AbdulKh: yep

AbdulKh: nsf?

BJB2: NSF=National Science Foundation

AbdulKh: ok

PatV: I would like to share with you my connotea collection. I have collected web sites on a variety of topics of interest to science
educators. http://www.connotea.org/user/pviele

SusanR: I am going downhill skiing tomorrow…any physics sites you recommend pertaining to that topic

PatV: Not off the top of my head, but I am sure I could find a few.

BJB2: nice resources, Pat. There is an NOAA group in the K-12 Student Campus. There is also a NASA group room there.

BJB2: you may be interested in creating your own science room that K-12 students can access. You're welcome to take over the NOAA group though, if you're interested

PatV: Last summer I was recruited by the National Science Digital Library to write a blog for STEM educators. if you google pats picks stem, you will find it. Since May, I have written 18 entries and had over 3000 hits.

BJB2 . o O (if there is a physics site for roller coasters, there should certainly be one for downhill skiing!)

BJB2: wow, Pat! very cool.

SusanR: Neat Pat

SusanR: Mad science answers the question http://www.madsci.org/posts/archives/1999-10/940518108.Ph.r.html

PatV: I found several entries for skiing and physics in intute, the digital library from UK. All of the sites have been reviewed. http://www.mansfieldct.org/schools/mms/staff/hand/lawsskijump.htm

PatV: one exercise that I ask every teacher to do with his or her class is to evaluate a web site. This is a sample evaluation form that I wrote, but there are lots of others out there. This is in e-Commons at Cornell. http://ecommons.cornell.edu/bitstream/1813/1486/1/web-evaluation.doc

SusanR . o O (a handy evaluation tool for all subject areas)

BJB2: how do you define "useful"?

BJB2 . o O (but I agree with Sue about the basic tool)

PatV: did I miss something. In what context was useful used?

BJB2: at the bottom of the evaluation tool you ask if the site was "useful"

BJB2 . o O (on a scale of 1-10)

SusanR looks again

BJB2: On a scale of 1 to 10 (10 being most useful), rate the usefulness of this site: _____

PatV: It looks like it is time to revise the form. I am very involved with physicists and "useful" is their byword. Useful is a very positive term for them. On the form I think I was asking if the site served the purpose --was useful to the student.

JeffC: makes sense to me

BJB2 nods. I would prefer something a little more specific...useful for research? for learning a concept? understanding a problem?

PatV: I actually had the opportunity to work with a physic 213 class here at Cornell. I wrote up the experience, which was very interesting. http://www.istl.org/06-summer/article2.html

AbdulKh: Lots of scope for further use...?

PatV: I hope so.

BJB2: what a great example of collaboration, Pat!

BJB2 . o O (librarians all over the world should be jealous ;-))

PatV: Physicists are a "tough sell", but I am making some progress.

AbdulKh: I thin k teachers should not stick on to their topics alone...should explore and find out what's happening around us in other subjects as well...

BJB2: I agree, Abdul!

BJB2: interesting results for assignment 4, Pat! Bet that was an eye-opener!

AbdulKh: With a half an hour session I could get a lot ...really wonderful

BJB2: there is a huge gap between being technology literate and learning in a meaningful way

BJB2: that's why I try to participate in as many Tapped In discussions as I can, Abdul

PatV: Research has become so interdisciplinary and it is essential to be able to find good information in other disciplines. Real story--I had a physics grad student who research turn an unexpected area--calcium channel blockers. He was frustrated by not finding what he needed in INSPEC (information sources in physics engineering and computing), but I showed him how to search BIOSIS (biological abstracts) and he found just what he needed.

AbdulKh: yes sure. I landed here because of you

PatV: about assignment 4--as I said earlier, we all learn from each other

BJB2: we'll always need our brilliant librarians, Pat!

PatV blush

SusanR agrees

BJB2 nods to Pat...the Media Literacy list has been discussing how kids are tech natives, but they have difficulty learning topics in any depth

BJB2 . o O (digital natives)

PatV: Many faculty assume that because students use computers, etc. they can find and evaluate information. Not so...

BJB2 nods

AbdulKh: and there are immigrants like me

BJB2 smiles...and me, Abdul!

SusanR: What do you think of this particular web site evaluation guide, Pat and Abdul

PatV: what web site evaluation guide?

SusanR:
http://www.lib.berkeley.edu/TeachingLib/Guides/Internet/EvalForm_General.pdf

SusanR: sorry I forget the link

PatV: Oh, I refer to it all the time. Berkeley does a good job.

AbdulKh: let me have a look

PatV: For several years I have been giving a tutorial on searching the web at the AAPT meetings. I try to give examples of good places to look. Here is a sample http://ecommons.cornell.edu/bitstream/1813/2172/1/aaptaug05.ppt

AbdulKh: I am just wondering how far we have gone...I mean a few years back people never expected this kind of collaboration...

PatV: When I think of all the technology I use now, it scares me. I started using email in 1988. Now I have two blogs, I participate in several wikis, and really like social software. Whew!

SusanR: some school boards in the US are requiring teachers to use social software ..I think North or South Carolina

BJB2: I think that the collaboration is the most important aspect of technology, Abdul

BJB2: and it's important to teach our children how to work in groups

AbdulKh: In my case I have yet to anchor on something...I do go here and there and spend a lot of time before comp…now I am getting a sort of direction

AbdulKh: I have my son (12 yrs) with me now...just watching all these

BJB2 chuckles. Something else I often forget is that it takes TIME to synthesize all the information that bombards us

BJB2 waves hi to Abdul's son

PatV: Ah, yes "information overload".

BJB2: yep.

AbdulKh Ijaz waves hi

BJB2: no matter how we learn, it still takes the same amount of time to do it

SusanR: It makes processing and absorbing tasks very difficult; especially for younger students

BJB2 looks at the clock on the wall. It must be the wee hours of the morning for you, Abdul!

PatV: If no one minds, I will wave goodbye. A big sleet storm is predicted, and I would like to get home....

BJB2 nods to Sue

SusanR: A pleasure meeting you! I must prepare for a ski trip..wake up call is 5:00

BJB2: oh, yikes...do be safe, Pat

SusanR: Take care!

BJB2 waves goodnight. Thanks, everyone, for your contributions to the discussion

AbdulKh: take care

BJB2 . o O (we're also getting the sleet storm)

AbdulKh: and wish me good morning!

SusanR: us too ..

BJB2: have fun skiing, Sue

SusanR: but not as severe

SusanR: thank you

SusanR: goodnite all

BJB2 smiles...good morning, Abdul and Ijaz

AbdulKh: goodnight..bye