

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

**Moderator:** Jeff Cooper

**Title of File:** 20040706scik20

**Date:** July 6, 2004

Room: After School Online Room

**JeffC:** Welcome everyone to the Science Resources K-20+ Group. Sometimes I recommend people detach their chat box, since the chat can scroll pretty fast (Actions--Detach)... however... I'll try to keep my typing down somewhat... because there will be several times when the top frame will come into play.

**JeffC:** So... don't feel obligated or encouraged to detach the chat window for this session.

**JeffC:** But... don't feel hindered either if the text scrolls too fast! Again, the Actions menu-- Detach if you want the chat detached... but you'll have to switch windows several times if you do.

**ShellyR:** Am I in the right room

**JrG:** This is my first time in this ASO, so what happens here?

**ArnoldW:** Jeff some more mneese students learning how

**KarenEA:** my first time as well

**ToddAH:** Hi I am in class with Russell at mneese

**ShellyR:** I hope I do better this session

**JeffC:** If you scroll down the top frame, you'll see the "10 Steps to having an effective meeting" note... go ahead and take a look at that. Everyone is welcome here... this is the Science Resources K-20+ Group meeting.

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*10 Steps to Having a Successful Chat in Tapped In*

*Please remember that Discussion Leaders have spent a great deal of time preparing for this discussion and only have one hour to present their material. Your attention and courtesy is appreciated.*

*1. DETACH your chat window*

*To DETACH your chat window and make it larger and easier to read, click on the ACTIONS drop down menu in the upper right of the chat window and scroll all the way down to DETACH.*

*2. Use the PRIVATE MESSAGE to greet and talk to friends*

*When a friend enters the room and you want to greet them or ask them a question, double click on their name under the HERE tab to the left of the chat window. This will open a new small window. Enter your comments in the bottom of the window and press return on your keyboard. This message is PRIVATE and will only be seen by the person you send it to. This avoids a lot of distracting off-topic chat in the main chat window.*

*3. Use the PRIVATE MESSAGE to ask for help*

*If you have any questions about Tapped In or how to do something, send a PRIVATE MESSAGE to the discussion moderator (usually the person who introduces the discussion*

leader and asks people to introduce themselves). To send a private message double click on their name under the *HERE* tab to the left of the chat window. This will open a new small window. Enter your comments in the bottom of the window and press return on your keyboard. This message is *PRIVATE* and will only be seen by the person you send it to. This avoids a lot of distracting off-topic chat in the main chat window.

4. Give a brief introduction.

If the moderator calls for introductions, give your discipline, grade, and location.

5. *LISTEN* to what the moderator has to say

The Moderator offers tips on participation, introduces the Discussion Leader and sets the ground rules for the discussion.

6. *LISTEN* to what the Discussion Leader has to say

Before you ask any questions or make any comments, give the Discussion Leader the courtesy of your attention. You will then be prepared to contribute to the dialogue in an informed way.

7. Click on a hyperlinked URL to open a webpage

When the discussion Leader shows a URL it is hyperlinked. When you click on the hyperlink, a new webpage will open for you. You can open the page, look at it, and then close it if you wish. Do not minimize.

8. *WAIT* for the discussion Leader to ask for questions

Eager audiences are a joy for any Discussion Leader, but questions that are blurted out take the discussion off topic. Because of the limited time for each discussion, wait for the Discussion Leader to ask for questions.

9. Use the *PASTEBOARD* to view unmoving chat text

During many discussions the chat scrolls very quickly and it is easy to lose the thread of the discussion. To view a section of the dialogue without having it scroll, click on the *ACTIONS* drop down menu and scroll down to *SEND TO PASTEBOARD*. This will put the section of dialogue on a new non-scrolling window. When you have caught up, close the pasteboard window.

10. Members receive an emailed *TRANSCRIPT*.

If you are a member of *Tapped In*, when you are finished with the discussion and log out, a transcript of the discussion that took place while you were logged in will be sent to you at your *Tapped In* registered email address. The transcript will include all chat text, all text from private messages, and any URLs that have been shown.

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**ArnoldW**: you got it

**SusanR** joined the room.

**JeffC**: It takes some time to get acclimated... don't sweat it.

**ScottAP** joined the room.

**JeffC**: Don't worry if things seem to go too quickly (and yes, I know I tend to do that).

**JeffC:** Everything here will be logged and archived, and you may read it at your leisure (whatever that is), at another time. Archives are posted back to Tapped In, in addition to being emailed to you when you log off.

**JeffC:** What I'd like to start with is for everyone to type in brief introductions.

**JrG:** Hi, I'm JR

**KarenEA:** 5th grade teacher, CA, masters student in educational technology

**JeffC:** My name is Jeff Cooper, and I volunteer on Helpdesk here at Tapped In. For the past three years I was the Education Technology Specialist for the College of Education at Pacific University.

**ShellyR:** I'm a student in EDTC 622 at McNeese, and we are learning about internet and the classroom

**JrG:** Chair, Multimedia & Web design

**CarolBie:** Hello, I am Carol Bielke. I teach 6th grade in San Antonio and I am in the same grad class as Jr and Scott

**ToddAH:** I am getting my Masters at McNeese University in Louisiana. I have accepted a principal job in Maryland. I am interested in this discussion.

**ShereeH:** I'm Sheree. I am in CUIN 6320 at UofH-my first chat. I am beginning my Masters in Mathematics and want to see how this Science can fit in.

**JrG:** Hello Carol and Scott

**ScottAP:** My name is Scott Pritchard, and I teach Biology at Somerset High School and I am in the same class as Carol and Jr.

**JeffC:** OK... excellent! (please type in any other info as you wish).

**ArnoldW:** Mcneese Student Lake Charles Louisiana Jeff we talk real slow down here

**JrG:** HaHa

**JeffC:** I facilitate the Science group here, although I am not a science teacher... I am an expert on Tapped In! My goal is to facilitate communication between subject matter experts, in this case science.

**JeffC:** I have created a Science Resources K-20+ Group here, and have resources there.

**JeffC:** What I would like for everyone to do is join that group, so we may continue the conversation in that room.

**CarolBie:** say when

**ScottAP** left the room.

**ArnoldW:** tell us how again

**KarenEA:** how?

**JeffC:** To join the group: 1) Click the "Search" tab (in the above frame, unless you've Detached chat, in which case it's in another window 2) Click the Groups subtab 3) Type: Science and click: Findit!

**CarolBie** left the room.

**JeffC:** I'm typing as fast as I can captain!

**JeffC:** Scroll down, and you'll see all the science groups here (interesting, don't you think?).

**JeffC:** The one I want you to join now is the Science Resources K-20+ group... click that link, then join the group, and click the link that will take you to that room.

**ShereeH** left the room.

**KarenEA** left the room.

**JrG** left the room.

**JeffC:** 1) Search tab (top frame) 2) Groups subtab 3) type: Science 4) Click: Findit 5) Scroll down to Science Resources K-20+ 6) Click the link, join the group, leave this room!

**ArnoldW** left the room.

**ShellyR** left the room.

**JeffC:** Todd and Shelly... need help? I'll open a private chat box if you do.

**JeffC:** Todd?

**JeffC:** Oh... you've done it!

**JeffC:** Just click the "Favorite Places" drop down menu and go to the room.

**ArnoldW** joined the room.

**JeffC** left the room.

Room: Sci.\_Resources

**JeffC** joined the room.

**JeffC:** Welcome to Science Resources everybody

**ShellyR:** I made it yeah

**JrG:** Jeff's always the last one:-)

**JeffC:** Yeah... trying to deal with those still in ASO!

**ToddAH** joined the room.

**JeffC:** OK... if everyone would scroll down the top frame.

**ArnoldW** joined the room.

**JeffC:** Under "Featured Items" you will see links to the Math&Science Links as well as the group archives.

**JrG:** And.....?

**JeffC:** OK... I'm going to project a URL for you now... open a new window on your computer.

**JeffC:** A nifty little feature... come back to this window.

**JeffC:** So... after I open this window on your computer... come back here and we'll talk about it.

**JeffC** projects

<http://www.mybookmarks.com/public/mathscience>

**CarolBie** left the room (signed off).

**CarolBie** joined the room.

**CarolBie:** Uh forgot to turn off pop up blocker can I please have the site again

**JeffC:** To do that, I typed: /project <http://www.mybookmarks.com/public/mathscience> ... it is a nice feature especially for K-12.

**JeffC:** You can just click the above link if you have popup blockers in place.

**CarolBie:** thanks I turned it off

**JeffC:** Imagine the possibilities though... bring a class online here (you may create a K-12 group with up to 50 students), have them in a room of your own (no outside interference), then have them all at the same page at the same time. That's what the /project URL feature does here.

**ScottAP:** It sure would save on having to go around and make sure everyone got to the site

**ArnoldW:** fifty students on the computer at the same time

**JeffC:** Anyways... the site I projected is the public bookmarks site for this group.

\*Anyone here may add links to that site\*. To do that: 1) Go to:

<http://www.mybookmarks.com> 2) login: mathscience password: tappedin 3) Add bookmark It's as easy as that. You may also download all those links to your own computer, and upload any links you deem relevant.

**JeffC:** My goal again is to facilitate collaboration between subject level experts. Most of the 100 Science links there are my own input over the past few years. I'm working on culling them (digging out dead sites, updating, etc.)... but it is \*you\* who know more about what is cool out there for Science teachers and students.

**JrG:** Can this work for any group?

**JeffC:** Which is why I have this group, to get you more involved with the process of collaboration.

**JeffC:** Yes **JrG**

**JrG:** Thanks

**JeffC:** Indeed, you may create your own "Administrators Bookmarks" and do the exact same thing.

**JeffC:** There is an admin group here which I moderate btw... SAFE-T (School Administrators Forum Ed-Tech); I invite you to join.

**ScottAP:** That is pretty neat

**JeffC** nods

**CarolBie:** This is a great site. I teach English. This is a great resource for me to help the Science teacher.

**JeffC:** I've encouraged teachers to create their own community bookmarks of practice links.

**JeffC:** I have another public bookmarks site at <http://www.mybookmarks.com/public/coops> ...there are about 1600 links there... many language arts (my teaching experience was primarily as an English and ESL teacher, Carol).

**JrG:** I'm trying to get our faculty development member here

**JeffC:** Other questions or comments so far?

**ShereeH:** This helps in finding sites that can combine Math & Science together instead of doing a hit or miss search.

**ScottAP:** Cross curriculum

**CarolBie:** This is great thanks. Great for cross curricular. I agree.

**JeffC:** The key is to finding educators to work together to find the best resources. At my other site I cover as many areas and grade levels as possible. It's pretty hard to keep up!

**JrG:** Go figure:-)

**JeffC:** But let me pause for a moment and have all of you reflect about the possibilities of sharing your resources with your peers within your district.

**JeffC:** Use mybookmarks.com or backflip.com... set up a communal repository for cool sites... teamwork!

**JrG:** It's exponential, many people finding many sites

**JeffC:** exactly

**JrG:** I do this with my MM & Web students

**ShellyR:** We just talked about those sites today in class

**ShereeH:** This is great that I can learn about these resources now, before I actually begin to teach. It's a great head start.

**JeffC:** Indeed... you could set one up for students to do as an assignment... create a public account for them (of course, you'd want another one to back that up that only you had access to, in case a student sabotaged it).

**ScottAP:** It would sure cut down on just one person doing the work for themselves. I have gotten so many good ideas from other teachers it just makes sense to collaborate

**JeffC:** OK... ready to move on?

**ScottAP:** Ready

**KarenEA:** ready

**SusanR:** Our 18 technology integrators used backflip to set up a similar account

**CarolBie:** move forward

**ShereeH:** Yes

**JeffC:** Excellent Susan!

**ArnoldW:** you bet

**CarolBie:** I have never seen this until now

**JeffC:** Moving on... I'd like everyone now to visit my "Site of the Day":

<http://www.studyit.org.nz/>

**ScottAP:** Neither have I Carol

**JrG:** You need to get out more Carol

**JeffC:** I'm not going to project it, you can just click the link.

**CarolBie:** Well that is the truth

**JeffC:** When you get to the site, there is a registration link on the right... please register (it's 100% free and ad free).

**JrG:** Kinda hard with Dr. E's classes

**ArnoldW:** thanks

**CarolBie** smiles

**JeffC:** Once registered: 1) Login 2) Choose a Subject: Science 3)Level 1 4) 1.1 Science Investigation 5) Click: Go

**JeffC:** You will quickly see that there is a veritable plethora of possibilities for learning science (and biology, physics, chemistry) at this site.

**ScottAP:** Yes a veritable plethora, just had to use that word.

**JeffC:** Then click the: Practical Investigation link

**JeffC:** This is obviously just one route.

**ArnoldW:** whoo big word

**JeffC:** But what you have here at this one site is an enormous amount of work put in so that you and your students may enhance their interactive online science experience.

**ArnoldW:** like bill the science guy

**ScottAP:** Wow I never knew there was a prophase I and a prophase II

**CarolBie:** This is COOL

**ScottAP:** It is nice that there are so many disciplines at one site safes the trouble of searching

**JeffC:** I'm actually working on trying to get Bill Nye here some day!

**JeffC:** Exactly Scott

**ScottAP:** Bill is great, I would like his job

**ToddAH:** My teachers will like this site

**ArnoldW:** too much work for me

**CarolBie:** I am definitely going to share this one because the science teacher on my team is looking for interactive sites to use

**ScottAP:** I have spent too much time clicking here and clicking there, hitting the back space, typing something different in the search box. This site has it all right there

**JrG:** This will be cool for our Science instructor also

**ArnoldW:** I mean filters and popup blockers

**ScottAP:** I have found some interactive sites but it took some looking

**JeffC:** Glad everybody likes it so far. Ready for more?

**CarolBie:** definitely

**ArnoldW:** yea

**ScottAP:** Ready

**JrG:** forward

**ShellyR:** ready

**KarenEA:** ready

**ShereeH:** Let's go

**ToddAH:** ready

**SusanR:** ready

**JeffC:** OK... let's go back to my mathscience bookmarks... I'd like everyone to take a look at a site... and report back... pick one at random.

**JeffC:** <http://www.mybookmarks.com/public/mathscience>

**JeffC:** I believe I have over 100 links there.

**JeffC:** Some will be better than others... I just wanted to spend about 5 minutes... have sort of a jigsaw task.

**DavidWe** joined the room.

**JeffC** waves to David.

**DavidWe** waves back

**JeffC:** We just visited StudyIt, and are now having people pick a site at random from <http://www.mybookmarks.com/public/mathscience> (in the science folder), spend 5 minutes and review it for the group.

**JrG:** Hey I want to see how much water is going down the drain

**DavidWe** thanks **JeffC**

**ShellyR** joined the room.

**ArnoldW:** we are having trouble when we go to and from the sites I will look at them again when I get my transcript

**JeffC:** OK

**ShereeH:** I went to the Math Cats. It's great-very friendly and appealing for children to enter. I especially like the link for the "older cats"-the link for adults, teachers, etc.

**JeffC:** What I'd like people to do after they look at a site is come back and 1) paste in the URL 2) give a quick summary and opinion.

**KarenEA:** I teach my 5th grade students about tobacco in my health class.. I liked the "Science, Tobacco and You site. It offers a kid friendly q and a sections, a looking and thinking section (the meat-research).. I like the site

**KarenEA:**

<http://scienceu.fsu.edu/communication/faq/index.html>

**JeffC:** Cool Sheree and Karen, please paste in the URLs... excellent!

**JrG:**

<http://www.k12science.org/curriculum/drainproj/information.html>

**ShereeH:** <http://www.mathcats.com/contents.html>

**JrG:** Great project for usage of water.

**SusanR . o O** ( Neuroscience for Kids)

<http://faculty.washington.edu/chudler/experi.html> ..cool experiments and activities )

**JeffC:** In a sense... what I'm having you do here is something that could also be done in the class... have students explore what is out there (with some guidance) and report back.

**ArnoldW:** is that like a webquest

**JeffC:** Obviously you'd want them to report back in a somewhat larger scale.

**JrG:** Definitely need the guidance

**JeffC:** Well... webquests generally have more guided practice. BTW, Bernie Dodge (inventor of the Webquest) meets here monthly to discuss them.

**DavidWe:** Always a need for some guidance

**DavidWe . o O** ( Bernie does very good sessions if I recall )

**ScottAP:** There is no escaping black holes in space not even light can escape a black hole

**ArnoldW:** yes they just what to click click click

**JeffC:** Bernie is excellent.

**ShellyR:** so we've heard

**JrG:** Black Holes are where God divided by Zero!

**JeffC:** You might want to consider creating a rubric for them:

<http://rubistar.4teachers.org/index.php> is an excellent site for doing that.

**ShereeH:** They would have to look/read through the sites to get an idea of what age group it is geared to...reinforcing their keyboarding skills and learning the subjects at the same time.

**ScottAP:** I tried pasting but my edit menu does not come up

**JeffC:** God divides by 0 and gets away with it?

**JrG:** Who's going to dispute it?

**CarolBie:** project

<http://www.eduweb.com/ecotourism/ecol.html>

**ArnoldW:** how about agriculture science quests

**DavidWe:** I'm sure they exist.

**JeffC:** Oh... copy the site from the window you're in Scott, then Ctl+V in the text box here.

**ToddAH:** <http://www.hhmi.org/biointeractive/dna/index.html> It gives you the opportunity to do virtual labs, and has virtual classes

**ScottAP:** <http://amazing-space.stsci.edu/resources/explorations/blackholes/lesson/whatisit/index.html>

**JeffC:** Thanks Todd and Scott

**CarolBie:** This was a great simulation on how they could help save the rain forest as a tribe to make money and save resouces at the same time

**JeffC:** While I have a few minutes left, let me share a couple more sites with you, that don't have anything to do with Science.



**JeffC:** <http://snipurl.com> ... a URL redirector... when you have really long sites, you may edit them down to something manageable.

**CarolBie:** cool

**ScottAP:** This web site is about black holes and how nothing not even light can escape a black hole. Nothing can reach the escape velocity which is faster than the speed of light to escape. This site has some nice graphics and is interactive

**JeffC:** And Trackstar... which is a site that is very handy for presenting up to 15 sites at once. Here is an example I have had for some time now: <http://tinyurl.com/amen>

**JeffC:** The black hole site has graphics? You mean... other than blackness?

**DavidWe** smiles

**ScottAP:** Ha ha thanks I needed a chuckle

**DavidWe** . o O ( things plummeting into the center.... explosions! )

**CarolBie** smiles

**JrG:** Careful Scott, you're going to get sucked in!

**SusanR** grins

**ScottAP:** did you know that at the center of every galaxy is a black hole even our own milky way

**CarolBie:** I think we have all been sucked in this semester

**ScottAP:** Would take a lot of gravity for that

**JrG:** Dr.E has presented trackstar to our class

**JeffC:** I've heard that Scott.

**JrG:** Amen to that Carol

**CarolBie:** I think it is a great tool to use.

**ScottAP:** not to get off the subject but has anyone seen the amazing pictures of Saturn?

**JeffC:** BTW, I know quite a few tools that are incredibly useful (and either cheap or free) for K-12 schools. Feel free to contact me if you would like my advice.

**ArnoldW:** yea how much did those cost

**JrG:** I've only seen class projects"-(

**JeffC:** I've seen some, Scott... have you got a URL you'd like us to see?

**JeffC:** And any other questions, comments... now's the time.

**DavidWe:** On the ENC web site: (<http://www.enc.org>) you can search for resources by price

**CarolBie:** this has been great

**SusanR:** Filamentality is also a Free tool for creating web hotlists

**JeffC:** That site is definitely a must for science educators David.

**DavidWe** agrees with Jeff

**ShellyR:** I've enjoyed the forum

**ToddAH:** thank you for hosting I had a great experience!

**ScottAP:** I was just on one in the book mark site. Let me see if I can find it. The NASA site always has some great pictures of Mars and Saturn.

**JrG:** Lots of ideas for the Science instructors

**JeffC:** I want to leave those of you in a class here with a parting thought.

**ArnoldW:** I learned a lot about Tapped In and how to use it thanks folks slowly

**KarenEA:** thank you Jeff... great resources!

**CarolBie:** discovery school.com is always a good resource

**ScottAP:** <http://nasaexplores.com/index.php>

**JeffC:** Don't think of Tapped In as "an assignment." This is a global educator's collaborative... we're all here in the same huge boat to help each other... come on back... and stay a part of this community after your classes are over!

**ScottAP:** This site has some neat stuff about Saturn

**JeffC:** Thanks Scott

**KarenEA:** thanks again...

**ToddAH:** bye

**JeffC:** You're welcome Karen.

**ArnoldW:** we will spread the word

**ScottAP:** No... thank you Jeff

**KarenEA:** bye bye'

**CarolBie:** cool stuff Scott

**JeffC:** Bye all... and please... yes... spread the word!

**KarenEA** left the room (signed off).

**JrG:** Jeff, I've been talking with BJ about hosting a Multimedia Forum

**CarolBie:** thanks Jeff

**ToddAH** left the room (signed off).

**JeffC:** Cool Jr

**JrG:** Thanks for the help and the links

**JeffC:** My pleasure

**ShereeH:** Thanks, Jeff. I presume that this was similar to what you showed in the Math Forum. I am going to look up the archives. Thanks again.

**ScottAP:** See ya Carol and Jr. and thanks again for the help on my site can't wait to see yours

**SusanR:** well done, Jeff. You are an inspiration.

**JeffC:** Similar Sheree...

**JrG:** <http://www.wova.net/ollu/Projects/griffith/Website/index.html>

**CarolBie:** See ya JR and Scott

**ScottAP:** Time for dinner, and to all a good night

**JeffC:** Thanks Susan

**JrG:** Try this Scott

**CarolBie:** Ok Jr I love it

**JeffC:** I'll put that in my WebDesign folder, Jr.

**DavidWe** congratulates Jeff for a good session

**JeffC** thanks David.

**ArnoldW:** thanks for all the help our class learned a lot

**JeffC:** The good thing about having these sessions in the Group room, is that now I can send out special invitations to people next month.

**JeffC:** I think next time we'll have a special guest from <http://www.whyville.net> ...which is a very cool interactive science site for middle school kids.

**DavidWe:** Do you know about the Why Files site? I think that still exists from the Univ. of Wisconsin.

**DavidWe** checks.

**DavidWe:** Yup, still there with explanations for lots of things.

**JeffC:** Why Files? What's the URL?

**DavidWe** . o O ( whyfiles.org - duh? )

**DavidWe** grins

**JeffC:** duh!

**DavidWe:** whyville made me think of it.