

Title of Session: K-20 Math Resources

Moderator: Jeff Cooper

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Room: Math Resources K-20 Group

JeffC: OK... welcome to the Math Resources group meeting.

CherylO: this sounds official

JeffC: well... at least it *sounds* official... it's actually quite laid back.

JeffC: this group is dedicated to helping educators help each other with Math education... regardless of level.

JeffC: If you become a member of this group, you may post to Discussion, which will mean that your message will go out to over 200 math educators... so... if you're looking to collaborate, need help with lessons, etc.... you're in the right place.

JeffC: Let's start with introductions... if people could type in a sentence or two about who they are, and what they'd like from this group, we'll get started.

CherylO: I am a K-4 technology integrator in Wells, ME. Most of my lessons have to do with math supporting the classroom teachers. Just interested in math.

JeffC: My name is Jeff Cooper, I'm on Helpdesk here, facilitate this and the Science Resource groups, and live in Forest Grove Oregon. I'm not a Math teacher (nor do I play one on tv), but have 15 years experience as a professional educator, mostly teaching English and ESL, but more recently in support positions for educators.

DavidWe: I'm David Weksler. I help teachers learn more about ed. tech. especially for Math. Along with Bj and Jeff I'm one of the HelpDesk volunteers. I lead a math + technology discussion on the third Tuesday of the month. I'm in New Jersey, near New York City

LauraStas: My name is Laura and I am Student Teacher. I am in a third grade math class right now and I have a hard time with strategies on how to teach different math concepts. Looking for ideas.

BridgetM: k-2 special education. looking for ideas also.

CherylO says yippee for Laura

JeffC: How about you WhatQna?

WhatQnaGst3: hmmm

WhatQnaGst3: just listening

WhatQnaGst3: [to] what you guys are doing here

WhatQnaGst3: I won't interrupt

JeffC: no problem... people are free to chime in at any time.

WhatQnaGst3: thx

JeffC: OK... it looks like most of the educators here are going to be interested in sites and ideas for K to 3 Math, right?

LauraStas: correct

CherylO: sounds good to me.

BridgetM: suits me to a tee.

BridgetM: we are coming up to 100th day of school activities

JeffC: OK... let's move this meeting then to the K to 3 Resource room... if you scroll down the top frame, you will see a link to it under Passageways.

BridgetM left the room.

JeffC: Susan Roseman has an excellent group room here... and a number of links for Math there.

Room: K-3 Resource Room

SusanR: Welcome all

JeffC: ok... for those who are members, you may either add this room as a Favorite Place (there is a link in the top of the top frame) or join this group... to join... scroll down the top frame and click the little "i" in the green circle, then click the link to "join this group."

JeffC: Fortunately Susan Roseman is here... she's the one responsible for making this wonderful resource room.

SusanR bows graciously

JeffC: Susan... most of the educators today are involved with K to 3 education... hence we moved the Math Resources meeting here.

SusanR: I welcome any suggestions for additions or modifications to this room

CherylO: I need to check out the room.

JeffC: If people scroll down the top frame, you will see that first, Susan has a "Medieval Math" site as a featured link. Scrolling down further, you will notice a "Math Stuff" folder with 6 folders and 31 links.

SusanR: It supports the K to 3+ Great Resources sessions

JeffC: btw... if you click a link to any site, hold down the Ctrl key, or better yet, make sure you accept popups from this site (if you have a popup blocker... which most browsers do now). otherwise, you might get logged out.

CherylO: Wow, you had an incredible wealth of material

JeffC . o O (she still does!)

SusanR: They're there to peruse ...drop in any time

JeffC: That's why I recommend either adding this room to your favorites, or joining this group.

SusanR: Olympic links too

CherylO: I added the room, where do I join the group, is that the math resources group k-20?

DavidWe . o O (Olympic Rings?)

JeffC: For those of you looking to get ideas or collaborate, you will definitely want to join both this group and the Math Resources. That way... you may post to Discussion and your message will go out to the educators in the group. If you do post to Discussion, then be sure to include your email address so that people may write you back.

CherylO: got it

JeffC: To join this group, scroll down the top frame and click the little "i" in the green circle next to the group name, then click the link to "join this group."

JeffC: After you've done that, I'd recommend clicking the "Math Stuff" folder under Links in the top frame.

JeffC: We can spend the remainder of this session just looking at the over 30 links that Susan has prepared in this folder.

CherylO: Susan, do you have the US site National Virtual Math manipulatives it is my favorite. <http://nlvm.usu.edu/en/nav/vlibrary.html>

SusanR agrees..it is a perennial favorite

JeffC: OK... how is everybody doing so far?

JeffC: If you have favorite sites you'd like to add... please feel free... I'll add them to the Math Resources group, and I'm sure Susan will be happy to add more links here as well.

LauraStas: I made my screen bigger so I had a bigger view of the discussion, but now I am having a hard time moving around Susan's sites.

CherylO: This is very comprehensive, I need time to look it over but I'll be sure to send you links that I don't see. My newest is refrigerator magnet math.

SusanR: Just added math manipulatives

SusanR: do you have the url, Cheryl

CherylO: Thanks.

CherylO: Here is the refrigerator math, Laura, this would be great for your 3rd graders. <http://www.bbc.co.uk/skillswise/numbers/wholenumbers/multiplication/mental/game.shtml>

JeffC: You'll need to go back and forth between the windows Laura, or... just tile your windows side by side so that TI is next to the window that clicking a link here brings you to.

JeffC: If so... hold down the Ctrl key when clicking, or accept popups from this site (best).

LauraStas: I am doing area next week any ideas?

JeffC: Are you going to graph Laura?

JeffC: Susan has a couple of links to how to graph.

LauraStas: No I wasn't planning on it.

CherylO: Laura, I have a page at my school for area, it is Airline builder, Interactive Geometry a movie, and then 2 kids building according to blueprints. 3 different sites.
<http://169.244.188.58/2006/areaperimeter.html>

LauraStas: We are finding the area of different shapes and objects.

SusanR: Thanks Cheryl..I added the fridge math to the manipulatives folder

CherylO: It is a fun site to work with magnets!

LauraStas: Thanks Cheryl

JeffC: There ya go... thanks Cheryl.

JeffC: I haven't checked out all of Susan's links either... I'm sure there are more sites that deal with Area.

CherylO: Susan, is there a Canadian Broadcasting link with good math sites?

CherylO: You know the bbc and pbs are great

SusanR: let me do a quick check, Cheryl

CherylO: Thanks

JeffC: Personally, I like <http://www.pbskids.org> and <http://www.starfall.com> ...both sites have excellent resources all around (not just for math).

LauraStas: I found the JAVA applet.

CherylO: PBS kids has a great math, called cyberchase, it has great math for gr. 4 -6

JeffC: Yes... I have a daughter in second grade, and actually we have a classroom set up here at Tapped In for her class. The students there visit pbskids.org quite often, and cyberchase is one of their favorite sites within it.

JeffC: So... don't feel that it's necessary to pigeonhole sites into specific grade levels. In fact, my son (who is in kindergarten), learned how to add decimals by using pbskids.

LauraStas: The Math Frog website looks like a good resource even though it is for 4,5 and 6.

JeffC: He now helps kids in my daughter's class use the computer and the sites... I'll be right back, because my son is screaming for cereal right now!

JeffC: take a look at those sites... discuss amongst yourselves... this is "

JeffC: Coffee Talk" ... uh "Math Resources"

SusanR: http://www.ocdsb.ca/Teacher_Res/asp/strmatrix.asp?Subject=MAT

SusanR: lots of overlap here..

CherylO: Thanks, I'll bookmark that one.

SusanR: This was the work of our Educational Technology Integrators

LauraStas: This is a good website I actually used it for a kid that I used to tutor.

CherylO: It looks great so far.

JeffC: How many of you are able to get your students into a computer lab (or have computers in your class) for Math (or any other subject)?

LauraStas: I cannot believe that there is just so much out there.

CherylO: Not fair, I have a room of 24 computers.

JeffC: wow Cheryl!

BridgetM: I like that matrix, Susan. It must have been a lot of work to create

LauraStas: I am actually taking my class into the computer lab tomorrow. We will be working with a perimeter applet that I found

JeffC: excellent Laura!

BridgetM: I have 1 computer in class

CherylO: That is great Laura, remember to tell your kids how you found it! They will be amazed.

CherylO: I am the computer lab teacher so I have a room full.

LauraStas: Okay.

BridgetM: I found this pattern page through the matrix
http://arcytech.org/java/patterns/patterns_j.shtml

SusanR: can you describe a typical day in the lab, Cheryl

JeffC: I would recommend that the teachers here create a K-12 classroom here at Tapped In so that they may bring their students here (there is a separate and secure K-12 campus here). It's not really part of Math Resources, but it is an important way for people to collaborate with each other.

JeffC: In a minute I will paste the instructions in on how to create a K-12 class here... (lets the conversation go first).

CheryIO: Sure, my school has 450 students gr. 1-4 who come to the lab on a schedule. The classroom teachers attend as well, but I make the lesson of the day unless the teacher has a project. So each class comes one time a week for 45 min.

CheryIO: Most of my lessons deal with math, but we also use Starfall.com, internet research, 2 classes are blogging with poetry, and gr. 3 and 4 type to learn for 10 min. a week.

LauraStas: That's great that they are getting that much exposure to technology.

CheryIO: It is great. They appreciate it and are pretty literate.

SusanR: glad to see primary junior students getting that much exposure

CheryIO: We are very lucky that my community supports technology so much.

CheryIO: I have to share my favorite website of the month. Bubbleshare.com is a free service where you can upload photos, then you can add captions and up to 30 sec. audio messages. I use it to make slide shows for lessons and fun on my blog.

WhatQnaGst3: -Jeff Thanks for letting me eavesdrop. Ciao

CheryIO: Bridget, I like that pattern page too!

JeffC: my pleasure

JeffC: <http://www.bubbleshare.com> ...I use <http://www.photobucket.com> ... <http://www.flickr.com> is also good

LauraStas: I was working on the pattern page and it would be great for kids learning the names of shapes and their characteristics.

JeffC: Here are the instructions for creating a K-12 classroom here:

CheryIO: I like flickr but hadn't heard of photo bucket

JeffC: I like photobucket because it gives pretty much unlimited free linking, access, plus url creation, folders, etc.

JeffC: Here are those directions:

JeffC: This will scroll your screen...

JeffC: K-12 Student Group Creation

JeffC: 1) Click the Tapped In tab in the top frame

JeffC: 2) Click the Groups subtab

JeffC: 3) Click the Create a new K-12 Student group link

JeffC: 4) Read all the terms... (recommend copy/pasting the agreement into Word for later use)... check the box saying you agree to the terms... click Continue

JeffC: 5a) Name your group: (ex. Mr. Cooper's AP English) 28 characters maximum.

JeffC: 5b) Nickname: Give it a nickname (ex. cooper_ap) 10 characters maximum and *no spaces* This will be the name of your group room. Empower your students by asking what they want the nickname to be (panthers, peacenicks, etc.)

JeffC: 5c) Purpose: The purpose can be what you want... teach online with your class, collaborate with other classes, etc. This shows up on your group profile page (and may be edited later).

JeffC: 5d) Topics: Select up to three topics that relate to the group (ex. ESL, Language Arts, Technology Education) for your group's profile.

JeffC: 5e) URL: You may type in your school's homepage or any appropriate link. Be aware that this will also show up in the group's profile. If you are looking to collaborate with other K-12 educators, consider giving the teacher's homepage with information that you are looking to collaborate with other teachers and students.

JeffC: 5f) Duration of Group: Defaults to 3 months, can be up to 12 months. The group may be renewed later by the Owner or Moderator.

JeffC: 5g) Grade Level: Elementary, Middle, or High School

JeffC: 5h) Number of Accounts: Select the number of students in your class and add 5 (just in case). If you have more than 50 students select 50 (more may be added manually later). Also consider creating more than one K-12 group.

JeffC: 5i) Prefix: Prefix may be no longer than 6 characters. Prefix will generate default student names (student names can be edited later) If you don't plan on changing their user names, these names will be used by the students with numbers attached. (ex. choose

"coops" to autogenerate coops01St coops02St etc.). All students automatically have the St suffix added to their user names.

JeffC: 5j) Click Next

JeffC: 6a) Specify a password: Type it twice, at least 5 characters. All students will login initially with this password. Once logged in, they should immediately change it so that other students cannot use each other's accounts. (more on this in the Quicknote K-12 Group Management). Owners and Moderators may change individual passwords at any time.

JeffC: 6b) Join K-12 Students Box: Check the box to join the K-12 Students group. This is a support group for educators with K-12 students. In addition to posting questions regarding help for your group, you may also post requests for collaboration, lessons, etc. This group has over 400 members at Tapped In.

JeffC: 6c) Click: Create Group: This will create your group. If you are unsatisfied or need to make any changes, simply click the Back button instead.

JeffC: 7) You may now click the link at the bottom of the page to enter your K-12 Class!

JeffC: You can do that at any time... those instructions will be in your transcript.

CherylO: thanks for writing the directions in the transcript.

SusanR: I used Bubbleshare to display a family gathering here on my website, Cheryl, took only a few moments

SusanR:

<http://www.xanga.com/sroseman?nextdate=1%2f8%2f2006+20%3a17%3a43.083&direction=n>

CherylO: I'll check it out. I used it this week to make a quickee lesson for SuitSat, the spacesuit orbiting through space. You can find it at www.cheryloakes.com

JeffC: Cheryl... can you stick around for another hour? Maybe you'd like to take the lead in the Science Resources group coming up. I have nothing specific planned.

SusanR: good suggestion, Jeff

CherylO: Susan just back from visiting your site, are those your children? Nice bubbleshare, no audio though?

BridgetM: Cheryl, no wonder the community supports your tech program!

JeffC: Well... she has great stuff (and it's one way I can get to the store without having to be in too many places at once!).

SusanR: still experimenting

LauraStas: Cheryl did you just get the pictures off the web for SuitSat?

CherylO: Yeah, maybe I'll stick for half, I have to get packing for tomorrow a triphome, but since my sabbatical is science lessons for Elementary with technology I'll see what is happening.

CherylO: I got the one photo from NASA, then the rest from AJ, I listed his site, he said it was fine to use his stuff.

LauraStas: Thanks

JeffC: That sounds great Cheryl... thanks!

JeffC: OK people... that pretty much wraps up the hour for Math Resources.

JeffC: Thanks much to Susan and the rest of you for sharing.

BridgetM: Thanks so much.

LauraStas: Well it was nice chatting with you. I have a lot to look at. Bye.

JeffC: Everyone is welcome to stick around here and chat... but I need to get the Science Resources group started... it will start momentarily in the Science Resources Group room... everyone is welcome to join there.

JeffC: Thanks Laura, Cheryl, and everyone.

JeffC heads to Science Resources.