

Title of Session: K-20 Math Resources

Moderator: Jeff Cooper

Guest Speaker: Gail Hoskins

Title of File: 20041207k20math

Date: December 7, 2004

Room: After School Online Room

JeffC: Hi all, and welcome. If people could briefly type an intro... we'll get started.

MelanieI joined the room.

IanMa: Ian, preservice teacher at U of Houston

AmyDou: Amy from Michigan and I teach High School Math

GailH: I am Gail Hoskins, former high school math teacher and then a K-12 math coordinator. I work with ENC (Eisenhower National Clearinghouse) and am in Columbus OH.

MelindaL: Hi, I'm Melinda, Houston, TX, first year first grade teacher. Also working on MEd.

BJ: HI, Melanie. We're just doing intros

JeffC: I'm not a math teacher, but facilitate this group.

MelanieI: HI I am Melanie from San Diego, I teach 5th grade.

JeffC: I'd like to start by having everyone join the Math Resources group (if you haven't already done so). To do that: 1) Click the "Search" tab in the top frame. 2) Click the "Groups" subtab 3) type: Math Resources ...and click the "Find It" button. 4) Click the link to the group 5) Join the group

JeffC: I have to leave early today... so what I'd like to do is give an intro to this group to the new members... look at a couple sites... go to the Math Resources room... and then turn things over to Gail (our resident Math expert).

JeffC: Melanie... are you joining the group? The reason I want everyone to join the group is so we can continue the meeting in the group room, where the resources are.

GailH: Jeff, I am fine with what you suggested for the math group, but I cannot stay for the next hour (science).

JeffC: That's great Gail... I'll be back in time for Science Resources.

SusanR: What have I missed Jeff?

JeffC: Just have to leave at 4:45 to pick up my son from school.

RosemarieD joined the room.

JeffC waves to Rosemarie.

RosemarieD: Hello

MelanieI: Okay I joined.

ChaseGst21 joined the room.

SusanR: o O (hate to miss any of Jeff's sessions)

JeffC: lol

JeffC: just getting started

RosemarieD: Excellent

JeffC: OK... let's continue this in the Math Resources Group.

RosemarieD: See you there

MelanieI left the room.

GailH left the room.

AmyDou left the room.

JeffC: Since everyone here is a member: 1) Click the Favorite Places dropdown menu and highlight the Math Resources Group room 2) Click the "Go!" button

MelindaL left the room.

SusanR left the room.

IanMa left the room.

RosemarieD left the room.

JeffC: Sorry... I just noticed we have a guest here... BJ... can you help Chase register and join us?

JeffC left the room.

ChaseGst21: help please

BJ: Chase go to www.tappedin.org

BJ: and fill out the membership form

BJ: as soon as you have it completed, log out and come back in with your username

ChaseB joined the room.

BJ: good job, Chase.

BJ: now click on the online tab to the left of the chat window

BJ: and click one time on **JeffC** and the door icon

BJ: o O (you should get a prompt that you have to join the group before you can join them)

BJ: did you get that prompt?

ChaseB: it says unavailable

BJ: ok...click on the SEARCH tab in the top right

BJ: then click on GROUPS

BJ: enter K-20 MATH RESOURCES

BJ: click on the match and join the group using the link at the top of the group ID page

BJ: once you've joined the group you can go to the group room

BJ: did you find the group id page, Chase?

ChaseB left the room.

BJ left the room.

Room: Math Resources

JeffC: OK

SusanR joined the room.

JeffC: There are several things I'd like to point out in this room: 1) The Public Bookmarks for this group at <http://www.mybookmarks.com/public/mathscience> 2) The Whiteboard 3) The Discussion board

JeffC: If you go to <http://www.mybookmarks.com> and login: mathscience password: tappedin ... *you* can add links.

JeffC: I encourage all the math teachers here to do that. Generally what I do is take a look at the new links that are added each month.

JeffC: Are there any questions about that?

RosemarieD: Are there any links for SDC algebra?

SusanR: SDC ???

RosemarieD: Special Day Class (special education)

JeffC: Not that I am aware of ... although there are a few Algebra links... if you go to the "studyit" site (I'll get the URL for you in a minute)... there are Algebra tutorials there. Also... I'm guessing that Gail has more than a few Algebra links at her site (Gail is from <http://www.enc.org> ... a *must* site for math teachers).

SusanR: Thank you, Rosemarie

JeffC: SPED Algebra is an interesting thought... I really don't know of anything related to SPED and algebra... Gail? Perhaps you do.

RosemarieD: Thanks! I am a first year math teacher and I am struggling a little. Any tips or advice would be appreciated.

GailH: There are some resources I can show about Algebra.

JeffC: Feel free as I continue to put in any questions or comments and I'll go with the flow.

GailH: We have one that is about Algebra at the K-5 level.

RosemarieD: That may help with my students

GailH: And a different one about Algebra Add-ons at grades 8-12, which might have some spec ed ideas.

JeffC: Wow... that sounds interesting Gail, please post the URL... perhaps that would work well with a SDC.

JeffC always appreciates it when Gail is here!

ChaseB joined the room.

SusanR listens intently

GailH: I am going to show first the one that is K-5 and suggest that when you click on the link, you then look at the right side in that navigation and browse something. (This is for those of you at that grade level).

JeffC: Here is the link for studyit: <http://www.studyit.org.nz/> (a free site... register... and you'll get to see the fantastic resources there).

SusanR: I will be spending 8 or so days in a Junior spec ed class

JeffC hands the floor over to Gail.

GailH: Click on the blue (and maybe hold control while you do)

<http://www.enc.org/features/focus/archive/k5algebra/>

SusanR: Thanks Gail

JeffC: If you have popups blocked here... you'll need to hold the control button (thinks it wise to allow popups for this site... there are no ads at Tapped In!).

GailH: For those of you at 8-12 grades, do the same looking at the RIGHT side nav in what I will next show.

IanMa: doing that actually signed me out

GailH: <http://www.enc.org/features/focus/archive/algebra812/>

IanMa: thx

JeffC: Ian, you may want to try this instead: 1) Click the Actions menu 2) Send to Pasteboard 3) Copy and paste the links into another window (or tab)

GailH: Are these working and do you see links (article titles on right)? Are you finding anything of interest?

GailH: Ian, you are preservice, but what grade level?

RosemarieD: Looking at the at home learning seems interesting

IanMa: 4-8 science, actually

IanMa: but that is math as well

IanMa: under the classroom resources, the gizmos from Explorelearning.com have been very useful

RosemarieD: I could definitely use the algebra survival guide

ChaseB joined the room.

ChaseB: every time I try to look at the site it logs me out

JeffC: Chase, you might want to do the following:

JeffC: 1) Click the Actions menu 2) Send to Pasteboard 3) Copy and paste the links into another window (or tab)

JeffC: You also should configure your browser to allow popups from this site.

SusanR: I didn't realize that Algebra could be taught in the primary grades, Gail. I am looking at

<http://www.enc.org/features/focus/archive/k5algebra/document.shtm?input=FOC-003527-index>

RosemarieD: This looks like a great site. I will explore it in depth later. Thanks

GailH: what do you like about it Susan?

RosemarieD: It is tough because my students' skill levels are at primary or elem level, but they still have to pass the CAHSEE in order to get a diploma

JeffC: Catch 22 Rosemarie

SusanR: The sample problem, Gail. I am scanning the site rather quickly.

RosemarieD: Tell me about it

SusanR: The strategies and rationale for teaching Algebra as well, Gail

GailH: I think algebra has really come full circle, b/c as we realize how it is so important at the early grades -- in the pattern seeing, etc., it is making us teach much more constructivistly at higher grades.

SusanR: Right Gail.

MelindaL: I never dreamed I could teach algebra at the elem. level, but the picture problems on that site make it really simple. It actually seems do-able.

RosemarieD: That is why it is so important to introduce it as early as you can

JeffC: Anything that develops critical thinking skills, problem solving, etc. is great for kids imho. If you want to have some fun with kids (or adults) try:

<http://www.setgame.com> and play "Set"

SusanR agrees with Rosemarie.

SusanR: I think I will try it this week

JeffC: BTW... don't worry if you miss anything because of getting booted... transcripts are archived and posted back both to ASO and here.

GailH: In honor of Dec 12th, here is Dozen Day....

GailH: <http://www.enc.org/features/calendar/unit/0,1819,246,00.shtm>

BjB . o O (don't forget that once you've joined a group, a link to the group room is in your favorite places menu)

JeffC: OK... let me move to the Whiteboard briefly. It's featured in the top frame. Quite a few people have posted there... questions and resources.

JeffC: If you see something on the whiteboard that interests you, or you have an answer for a question, please post a response on the Discussion board. To do that... just click the Discussion link in the top frame on the left.

JeffC: Does anyone not know about the Discussion boards here? If you post to the Whiteboard, it stays in this room. If you post to Discussion, it goes to everyone in the group via email.

RosemarieD: This is my first time in Tapped In

AmyDou: mine too

GailH: If anyone is trying to re-attach your talking window to the upper window, and the word Re-attach doesn't show up -- which has happened to me twice tonight -- it is still possible to RE-attach because that command is in the File menu (top left) when you are looking at the upper window.

BjB . o O (when you join a group, you are automatically subscribed to the group discussion board)

JeffC: Welcome Rosemarie. I hope I am not going to fast for you... it can be a bit daunting to follow the pace.

RosemarieD: Not at all. This is great

JeffC: OK... what I want to emphasize here is that this group is in itself a "virtual community of practice." There are over 100 members, and if you want to post to all of them, you can do so through this room.

JeffC: I'd like to hand the ball over to Gail for the remainder of this session. Gail is Senior Outreach Coordinator at ENC... and knows much much more about math than I will ever hope to! I will be back at 5p.m. for the Science Resources Group.

RosemarieD: Thanks Jeff

MelanieI: Thanks Jeff for the great resources.

GailH: Now Jeff, you over do the intro-ing!

SusanR: well deserved, Gail

JeffC waves bfn

SusanR: ttys, Jeff

GailH: Are there "I wanna..." statements that anyone wants to say. If so -- now is the time.

GailH waves to Jeff.

SusanR: Can I put in a plug for the K to 3 Resource Room..

SusanR: If there are any K to 3 teachers out there

GailH: By all means -- last time was art and wonderful!

SusanR: next session is next Tuesday ..check the calendar

MelanieI: What is the K to 3 Resource room?

MelanieI: Oh never mind.

SusanR: It contains links and resources from past sessions here at TI

RosemarieD: I could probably find some stuff appropriate for some of my students there

SusanR: similar to Jeff's; but loosely organized for browsing

GailH: I have a new resource to share, but if there are other things we need to say, let's do it.

SusanR: go ahead, Gail..just a quick plug

GailH: We do a Digital Dozen every month, which is a rather prestigious award. One that is there this month, on the ENC Digital Dozen page, is called Math TV Problem Solving Videos. I will give the link in a moment. It is NOT a real TV show. It is videos on that site and then math to do with them.

SusanR . o O (I am aiming for 200 members)

GailH thinks Susan will get them!

GailH: When Mrs. Pastry and Mr. Pillsbury go to the bakery, they buy some cookies and some pies and leave you to figure out how much each item costs. Solve this tasty problem--and others--yourself or watch a step-by-step video that walks you through the solution. In the "Try It!" section for each problem, you can solve similar problems using an online calculator and a scratch pad feature that lets you draw your own shapes to doodle your way to an answer. Each week features a different word problem for middle schoolers to sink their teeth into.

SusanR: o O (neck and neck with Jeff)

MelanieI: Sounds cool.

GailH: I am not suggesting you actually get too deep into it, but let's explore. URL is....

RosemarieD: Sounds like fun

GailH: <http://www.mathtv.org/>

GailH: Go to TUNE IN and then choose begin.

SusanR: Cool!!

RosemarieD: I like the movie

GailH: It really depends on how many machines and lots of things like that to decide if this would work in your situation.

MelindaL: very very cool! but a little above my babies' heads. are there any similar sites for those just beginning math?

RosemarieD: I only have a few computers in my room, but students could work in groups

GailH: <http://www.bbc.co.uk/schools/numbertime/> is up to about grade 2 or 3

GailH: <http://www.mathplayground.com/> is K-6.

MichaelSw joined the room.

MelindaL: thanks!

MelanieI: I like math playground I could definitely use it with my fifth graders.

GailH: <http://math.rice.edu/~lanius/fractions/> is fractions up to about grade 6 or 7.

MichaelSw: I hope people don't mind if I listen in for a few minutes

GailH: Glad to have you Michael.

GailH: My question, that I'd like us to discuss for a bit is this:

GailH: how can we "organize" individually -- as teacher -- and I mean more than just using bookmarks or favorites on the browser --- but how can we keep up with what is good for what topic and child's need.

GailH: If you find something great, what can you do so that next year (or late spring) you'll think to use it when it fits your content.

SusanR: good question, Gail

GailH: is a master of wait time, too.

MelanieI: I would use post its and put them in the math textbook to remind myself.

IanMa: I believe most teachers are provided with web space for the classroom, so there can be a favorites page that is broken down by subject that the teacher creates

RosemarieD: Perhaps you could write it on your text guide

MichaelSw: I have to leave in a minute, but to chime in on your question, you can make pdfs of the stuff you like and organize them on your computer

RosemarieD: Great idea

SusanR: pencil it in..in your teacher's guide or resource book

GailH: Great ideas -- and how can you make sure that you are "putting those reminders" ALSO in terms of a child's needs -- not just the concept.

GailH: I am thinking about a neat resource that I could share about Math and Science with deaf students. Say you don't have any now, but next year you do. Is there a way to remember and find it.

MelanieI: Keep a running list of sites and what they contain.

GailH: I have really struggled with that -- and -- we at ENC just created a little piece about organizing. If you go to <http://www.enc.org/features/focus/archive/organization/> and look at the nav on the right, we are hoping some of those ideas can work in this situation.

RosemarieD: And who the site should be appropriate for

MelindaL: keep lists in excel or word, or the pdfs, in a folder structure by unit or chapter of your math book with brief summaries of the sites.

SusanR: Why not organize those links into an online track ..trackstar

SusanR: <http://snipurl.com/mathprob>

JeffC is back

GailH: Susan's urls are ALWAYS great.

MichaelSw: thanks, I appreciate it. gotta go

MelanieI: I have to go, thank you for the great resources.

MichaelSw left the room.

IanMa: thank you very much!

SusanR: A great tool.. <http://trackstar.4teachers.org/trackstar/index.jsp>

IanMa: It's science time now

GailH: I am hugely committed to fact that we teach say math to children, that we don't teach math -- do you see the difference?

JeffC: Science Resources Group starts now... and all are welcome to attend... or continue here.

RosemarieD: Thanks for all of the great sites and helpful tips.

GailH: Good luck. I am <mailto:ghoskins@enc.org> if you need to get in touch ever.

ChaseB: thanks everyone

RosemarieD: Thanks again

GailH: OK, goodnight . must run. see you next week.