

**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](http://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.

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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.