Title of Session: Math Resources K-20+
Moderator: David Weksler and Jeff Cooper
Title of File: 20070807math
Date: July 7, 2007

Room: Math Resources Group

BJB2: Welcome, everyone, to Math Resources

JovanaG: hello everyone

DavidW waves

JovanaG waves back

BJB2: have any of you joined this group?

JovanaG joined the room.

LizaR: I have!

DavidW: Hi, Elizabeth. Welcome

LizaR: yeah!

DianaG: yup

BJB2 wonders if Liza remembers how she did that?

ElizabetCh: hello

LizaR: yes

LizaR: what shall I join next?

DavidW smiles

BJB2: how about if you tell everyone how to join this group, Liza?

LizaR takes in a deep breath

DavidW: We'll back you up, Liza

BJB2: does everyone see the welcome to Math resources note on the web window?

BJB2: the next to the last sentence is This is the group room for Math Resources....

BJB2: there is a green i next to the group name...

BJB2: click on the green i

BJB2: you should now see the group ID page

BJB2: at the top of the page is join this group

DavidW . o O (green "i" means information about something - a person, a group)

JovanaG: yup

BJB2 nods to David. Thanks

LourdesR: right

BJB2: once you have successfully joined click on Room View

BJB2 . o O (top of your screen)

JovanaG: done

BJB2: that will bring you back to the welcome screen you saw when you entered the room

DianaG: how do we know if we joined?

JovanaG: it says leave this room instead of join this room

DavidW smiles

DianaG: never mind got it

BJB2: ahhh...good question, Diana ;-)

BJB2: now everyone take a look at the drop down menu in the top right of the chat window...

BJB2: there is a door icon on the left and a Go! button on the right

DianaG: k

BJB2: if you joined the group, you'll see it has been added to that menu

BJB2: that menu allows you to move to any room listed from any location in Tapped In.

DavidW wonders if some people have detached their chat windows

BJB2: that might be a problem, David ;-) Make sure you're looking at the web window that was above the chat before you detached

JacquelynP: yep

DianaG: yes

DavidW: if you have joined any group, then its group room will be in your Favorite Places menu

BJB2: David, while we wait for Jeff, do you want to start off with introductions?

DavidW: So, folks, typically, at the start of Tapped In discussions we begin with introductions

DavidW: What you do, where you are, any particular reason you came to the current discussion?

BJB2 . o O (this group is getting very good at TI protocol ;-))

DavidW agrees

DavidW: Also, recall, that as members, you will get a transcript of the discussion after you logout

DavidW: you won't need to jot down web addresses, etc.

DavidW: I'm David Weksler. I'm a HelpDesk volunteer and I lead another math education discussion here. I'm in New Jersey, near New York City

LizaR: I'm a student, in TX, attending for extra credit but am enjoying wkshps.

LizaR: from the valley

DianaG: hi, I'm a full time student, and I'm from McAllen Texas,

JoseRH: Hello I am also a full time student from Elsa

JoseRH: Texas

JovanaG: Student, Rio grade valley area, extra credit for class

ElizabetCh: Hi, from Mission, TX

LourdesR: hi I am from McAllen as well and am doing this for Dr. Brown's class

DavidW: Most of you are taking classes with Danika Brown

DianaG: yes

JacquelynP: hi, Harlingen, TX

JoseRH: yes

JacquelynP: yep

LizaR: yes sir

ElizabetCh: yes

SusanR: I am Sue Roseman, I moderate the K to 3+ Great Resources discussions. We meet the 2nd and 4th Tuesday of each month.. I am in Ottawa, Ontario. I teach K to 8 on an occasional basis. I am here to brush up on my TI skills for the exciting upcoming school year.

SusanR: and I am here to put in a plug for my group LOL

JovanaG: yup

DavidW: Are most of you Texas folks hoping to teach after school?

ElizabetCh: yes

JoseRH: yes

JovanaG: yes

LourdesR: yes middle school

DavidW: What age/grade level?

DianaG: yup

DavidW . o O (thanks, Lourdes)

DianaG: elementary

ElizabetCh: EC-4

JoseRH: elementry

JacquelynP: maybe, haven't decided

DavidW: Susan (I'll put my OWN plug in) leads a superb K-3+ resources discussion that folks interested in elementary teaching should try to attend

DavidW: next one is next Tuesday at 8pm EDT, is that right, Susan?

BJB2 . o O (topic is Back to School)

JovanaG: elementary

SusanR: Back to School challenges, joys, and excitement is the discussion point!

DianaG: kool

EmilyW: I am Emily, I live in DC, but I am a native Texan (gotta mention that with Texas people here), and I help out here at Tapped In, and I am a web designer/web content person

DavidW: thanks, Emily

SusanR: along with some GREAT back to school resources to get you off to super start

DavidW: So, do you guys know any resources for math education on the Web?

SusanR: I also love helping out at TI.

JovanaG: up

JoseRH: yeah some

LourdesR: not me that is why I am here

DavidW: Anyone want to share something they have found?

LizaR: about math?

LizaR: or anything?

DavidW: yes, Liza - math

JovanaG: http://nlvm.usu.edu/en/nav/vlibrary.html

JovanaG: i got this site from a professor

DavidW: Has everyone seen that - the National Library of Virtual Manipulatives

JovanaG: during my EMAT course

LourdesR: I haven't

DianaG: no first time

JacquelynP: no

DavidW: Excellent, Jovana

JoseRH: nope

JovanaG: thanks

BJB2: I just posted a site to the discussion board that would be good for elementary http://free.ed.gov/resource.cfm?resource_id=1926

DavidW: These are small java applets for teaching specific math concepts

DavidW: The software is web-based - you just need a browser that can utilize java

SusanR: Thanks Bj. I plan to add it to the K to 3 resource room!

HilarioP: I've heard of it

HilarioP: its pretty good

JoseRH: yeah me to

DavidW: So, it's divided up both into grade level groupings and topics

DavidW: it's searchable (nice feature)

DavidW: I showed someone today some multiplication applets that were helpful as she was tutoring a 3rd grader

HilarioP: its has many subjects to choose from

LourdesR: that is nice

JoseRH: very cool

DavidW: are any of you doing student teaching now or in the next semester?

BJB2: one of the advantages to joining a group is that you are automatically subscribed to the discussion board...

BJB2: so if anyone posts a new resource, you

BJB2: will learn about it

DavidW: Have most of you seen the Ask Dr. Math project that is on the Math Forum web site?

BJB2 wonders if everyone fell in the mixing bowl?

DavidW smiles

DavidW has a feeling they may be checking out some of the math applets

JacquelynP: sorry, I am looking around the group site

DavidW: no problem...just want to make sure everyone didn't go out for root beer

JoseRH: not yet

JovanaG: no

HilarioP: still here

JovanaG: still here

ElizabetCh: still here

JoseRH: this is interesting

JacquelynP: no, I already have mine with me

LourdesR: root beer would be nice though

JovanaG: looking at your dr. math website

DavidW: Here's the Ask Dr. Math site if some of you haven't found it already

DavidW: www.mathforum.org/dr.math

DavidW: It's a compilation (again, it's a searchable database) of real questions from students over the past 10 years (or more)...

DavidW: ...and answers from math people at a variety of levels (students/teachers/researchers)

JoseRH: this is a pretty cool web site

DavidW: Especially good explanations are given a red star

DavidW: The Math Forum is a HUGE web site that you should all consider when looking for good math resources online

JovanaG: thanks

DavidW: There are sections on the Math Forum - www.mathforum.org - for teachers, students, parents, etc.

JoseRH: this is great I have never heard of this website

HilarioP: yaah I saw that

LourdesR: this could also assist me on helping my kids with math

DavidW: Additionally, like the National Library of Virt. Manipulatives, there is a big section called Math Tools - web-based tools for looking at specific math problems/concepts

HilarioP: yup

DavidW: http://mathforum.org/mathtools/

JoseRH: this is good I believe for all elementary teacher because they have to teach all subjects

JoseRH: at least in Texas they do

DavidW: Math Tools can be subscribed to and an email highlights new additions to the collection

HilarioP: good for students like me

DavidW: Finally, let me point out one more section of the Math Forum - Teacher to Teacher

DavidW: It's sort of like Ask Dr. Math for questions about teaching math

DavidW: conversations between real classroom teachers and mentor teachers

DavidW: http://mathforum.org/t2t/

DavidW: again, the nice part is that it is a searchable database

JoseRH: I have not seen any of these websites

DavidW: Glad that you are learning about them, Jose.

JoseRH: very nice

DavidW: I don't know how much math education stuff you guys get exposed to

DianaG: its new too me too

LizaR: I like the math mentors provided

JoseRH: I am glad I joined other wise I would of not seen these websites

JovanaG: some but not many

LizaR: and that's cause I don't like math

DavidW: Liza...

DavidW frowns

ElizabetCh: excellent site for anyone

LourdesR: this is really helpful to know

LizaR: sorry, trying to get motivated

DianaG: the website makes really interesting even if you are not into math

DavidW: The trick is to make math seem exciting for students (even if you have to fake it sometimes)

JoseRH: math is cool

LizaR: exactly

JoseRH: that's a good one

LizaR: excite me with numbers

LizaR: it has to make sense

DavidW: Your students will know if you don't like something

JoseRH: that's the spirit

DianaG: true

DavidW: Well, patterns are part of math

JoseRH: very true

BJB2: and quilts are patterns

DavidW: Let me show you a pretty cool project that combines some math, actually geometry with art

BJB2 . o O (we talked about quilts in the discussion yesterday)

DavidW nods to BJ

HilarioP: yeah

JoseRH: that is so true BJ

DavidW: This was a collaboration between the Math Forum and the Textile Museum in Washington, D.C. focusing on pattern and symmetry in oriental carpets

BJB2: and a lot of patterns are cultural...

DavidW: http://mathforum.org/geometry/rugs/

BJB2 . o O (like oriental carpets)

BJB2: and a lot of patterns are in nature

JoseRH: that is true

DavidW: finding patterns in nature - examples are everywhere

HilarioP: crazy looking patterns

JoseRH: like leaves,

DavidW: flowers

HilarioP: looks complex

JoseRH: also schools

BJB2: that's when it's really fun to give the kids digital cameras and have them find their own examples

DavidW: seeing symmetry even in the alphabet

LourdesR: what a good idea BJ

JeffC joined the room.

JoseRH: that is so cool I would of never thought of giving them cameras

DavidW waves to Jeff, our leader

JoseRH: but you are right

HilarioP: not my camera

HilarioP: lol

JeffC: well... our very late leader... figures a lot of people would show up if I didn't!

BJB2 . o O (have the kids find the subject and you take the pic)

BJB2 waves hi to Jeff

JeffC hopes you're having a good discussion.

ElizabetCh: they'll probably take better pictures than me

LourdesR: this would really interest the kids

JoseRH: hello Jeff

DavidW: Here's a pretty good example of images of symmetry in nature:

DavidW: http://www.misterteacher.com/symmetry.html

JoseRH: are these websites posted anywhere?

JoseRH: because there is a lot of them that I would like to get a hold of

LourdesR: that website is so cool

DavidW: Here's that same misterteacher's page on using digital cameras

DavidW: Hold on, Jose...I'll get to your question

JoseRH: k

DavidW: http://futureofmath.misterteacher.com/digitalcameras.html

DavidW: scroll down a bit until you see the Heading "Using Digital Cameras" - some ads at the top

HilarioP: it really is a good idea

DavidW: So, Jose, I know some of them because I go to them on a regular basis

JovanaG: cool

DavidW leads a discussion about math education and technology

DianaG: ic

LizaR: on what days?

DavidW: Lots of people make lists of web site, but you can typically find things by searching

LizaR: or is that in ur everyday life?

JoseRH: nice

DavidW: Liza, my discussion is usually the 3rd Tuesday of every month

LizaR: here?

LizaR: tapped in?

DavidW: yes, Liza

BJB2 grins. Yes, here in Tapped In

LizaR: neat

JoseRH: cool

DavidW: And, Jose, instead of searching Google, do a search on the Math Forum - since

it already focuses on math

LizaR: I will have to sit in on a discussion or to and allow u to entertain the idea of math for me

LizaR: aside from today

DavidW prepares his top hat and tails for a math extravaganza

LourdesR: smiles neat

LizaR giggles

JoseRH: nice

LizaR: on w/ da show

DavidW: but, I think you learn especially about some of these sites when you need to prepare something for a lesson or answer a students question

DavidW: it helps you focus in

DavidW: Also, collaborating with other teachers (in TAPPED IN, for example) - people still have a lot of knowledge that is more subtle and contextual that you sometimes get from a web search

LourdesR: it is good to know we have somewhere to go

JoseRH: yep

DianaG: true

HilarioP: its handy

DavidW: That's the idea, Lourdes - it's a resource for educators - learning from other educators

HilarioP: any math future teachers here?

JoseRH: sweet,

ElizabetCh: I'm hoping it will help me throughout my teaching years

DavidW: ideally you have colleagues in your schools who you can talk to, but Tapped In can give you access to colleagues around the world

LourdesR: awesome

DavidW smiles

DianaG: that's what I like about tapped in

DavidW: it also puts a responsibility on members to share what they know with others, too - a community of practice

JoseRH: me to, it seems very interesting and I am excited to learn more

JoseRH: that is true

DavidW: The nice thing about teaching math at elementary levels, especially, is being able to combine it with many other topics, not just science

JovanaG: true

DavidW: projects that incorporate math as one part of the effort to answer some questions

HilarioP: good point

JoseRH: examples would be ?

LourdesR: your right

ElizabetCh: I would like to teach elementary math

DavidW . o O ("Is there MORE rain falling on Texas recently?")

JoseRH: no

LizaR: wat?

LourdesR: not lately

JoseRH: not where we live at least

DavidW: how do you measure it, how do you compare with past years - what is the trend?

LourdesR: but the heat never left

LizaR: we border Mexico, tip of TX

DavidW: I thought there were pretty bad floods in north Texas in July

LizaR: ya. lol

JovanaG: it was for a while but not anymore

DavidW: well, questions LIKE that

JoseRH: there was

DavidW smiles

HilarioP: its rain more this year

JoseRH: we are in south Texas

DavidW . o O (a different state, huh?)

JoseRH: some cities were closed and had mandatory evacuations

LourdesR: it only affected certain areas of south Texas

JovanaG: yup

DavidW: That's what we heard on the east coast

DavidW: Jeff...?

DavidW: Want to add anything to the discussion?

JoseRH: we need the rain

JoseRH: this was cool

DianaG: I really liked the websites, they are really useful. thanks for sharing

JoseRH: thank you

HilarioP: I'm glad I joined the discussion, math is scary

JovanaG: yes thank you for sharing

LourdesR: this was fun and interesting and rather informative to me

JoseRH: have a good day see you next time

JovanaG claps

DavidW: Thanks for participating folks - this discussion is always the first Tuesday of the month

HilarioP: good job

JovanaG: thanks

JovanaG: great job

ElizabetCh: thanks

LizaR: I will have to visit the sites when there is more time to explore and then maybe I can bring more to the conversation

DavidW: If you are interested, the K-20 science discussion will follow in a couple of minutes

DianaG: thanks good bye!!

LizaR: yes, I shall attend.

DavidW waves to people who are leaving

JovanaG: bye

JovanaG waves

LizaR: r u leading that as well?

LizaR: lol

DavidW: Let me know if anyone has questions

LizaR: no ....

LourdesR: I will attend as well

JeffC: It will be in the Science Resources room.