

Title of Session: K-3+ Resources - Math and Literacy

Moderator: Susan Roseman

Title of File: 20050330k3mathlit

Date: March 30, 2005

Room: Comfy Conference Room

BJB2: Welcome to K-3+ Resources, everyone!

HeidiW: Hi

BJB2: Sue, have you caught your breath?

SusanR: yep

SusanR: Should we start with intros..so we can gear our discussion to our particular audience

HeidiW: please

BJB2 nods to Sue.

BJB2: I'm an art teacher in Pennsylvania

RamiaF: University of Houston pre service teacher math 4-8

BJB2 . o O (please let us know what you teach or hope to teach and where you are located)

JoshGst11: I teach math in Southern California.

IsisA: I am a pre service teacher at Univ. of Hou. (K-4)

JillRK: A first grade teacher in CA

SusanR: A K to 8 Occasional Teacher in Ontario..teaching French this week

SarahMW: My name is Sarah, I go to University of Houston, and I am a pre-service Math 4-8 teacher

DaleGst12: University of Regina, preservice teacher,

YvonnePH: I too am a pre-service teacher from University of Houston

HeidiW: I am a pre-service teacher attending Montana State University, Bozeman Montana. I hope to teach 3-5 grade elementary.

JasonDe joined the room.

SusanR . o O (notices some old friends)

SusanR: and a Canadian too, eh

DaleGst12: yes

BJB2: Jason, we're doing introductions

ChristinW2 joined the room.

SusanR: Christin, would you like to introduce yourself

ChristinW2: Hi, I am a student at the University of Houston.

SusanR: How would you define math and literacy?

SusanR: or math literacy

EmilyW: I am in Texas, and don't teach, but interested in learning more about this topic (I like Math)

ChristinW2: Well, being literate means to understand or able to read....so...the students understand Math?

EmilyW: math literacy- knowing the basics of addition, subtraction, division, and multiplication

DaleGst12: I would define math literacy as students having an understanding of the theory behind numbers, in order to be able to manipulate math to the students needs

JillRK: The ability to use math to solve real world problems

HeidiW: Math is the understanding of numbers and how they function. Literacy means being able to comprehend reading.

EmilyW: being able to count

RamiaF: the ability to read and comprehend math problems

SusanR: the ability and skills to understand and use numbers in daily activities

HeidiW: Math Literacy is being functional in the understanding of how math works in the world.

IsisA: being able to go forward and doing more than just dealing with digits. To be able to apply math into real world deals...always have to read!

SusanR: the ability to use numbers as a means of communication

SusanR: we are right on target

SusanR: Numeracy is a socially based activity that requires the ability to integrate math and communication skills (Withnall 1995).

SusanR: Do you think computers hinder or enhance math, reading performance?

EmilyW: enhance

SarahMW: I could see both sides.

IsisA: definitely enhance

RamiaF: enhance

ChristinW2: I agree with Sarah

TerryLC: if integrated properly, they would enhance

IsisA: on second thought I agree with Terry

RamiaF: me too

JillRK: They can do both

YvonnePH: they are meant to enhance....but it all depends on how the teacher uses the tool (computer)

SusanR: Our district is being criticized for over spending on computers at the expense of teachers, hands on resources and textbooks.

RamiaF: I agree with Yvonne

DaleGst12: exactly. if it is used as a tool, it can be valuable

DaleGst12: however, it cannot replace solid teaching skills

KarenConna joined the room.

IsisA: yeah...I have sadly seen a lot of elem. students lacking tech. skills lately

DaleGst12: sometime they are properly used by teachers in the school, other times they are left to sit and collect dust

TerryLC: It's hard to find a happy medium when districts are purchasing technology for the classrooms. Usually the two are funding out of different monies.

JillRK: If numeracy is a socially based activity, how do computers come in?

SusanR: ours seem to be collecting dust ..for student use

TerryLC: I feel this dust collection may be from providing equipment without training???

SarahMW: True!

IsisA: a lot of librarians are guard dogs when it comes to allowing the use of tech. by the students

SusanR: although they are extensively used for administrative uses, report cards, worksheets and lesson planning

DaleGst12: numeracy can be taught with computers in the classroom in a social activity

DaleGst12: such as integrating web projects that involve numeracy

SusanR: I agree Dale

DaleGst12: such as 'Journey Home'

DaleGst12: which strongly supports developing students charting skills

YvonnePH: interesting

DaleGst12: it's a website, where students chart the progress of animals as they migrate north

RamiaF: Journey Home????

RamiaF: ok

DaleGst12: for Canadians and Americans

IsisA: how cute!

SarahMW: Computers are good, but sometimes the student needs that one on one experience with a teacher.

YvonnePH: do you have the URL for that

SusanR: I have gathered 10 or so great resources to support and enhance your math and literacy curriculum

DaleGst12: give me a minute....

EmilyW: I think math games on the computer are good (that's how I learned math)

YvonnePH: I agree that some math games are good tools.

SusanR: I have 10 Great resources on hand to support your math and literacy curriculum

IsisA: Although math games are great I think that a lot of teachers are falling behind on making sure they have games that provide higher level thinking

YvonnePH: some children have a block about math in general, but if they are playing a game or competing somehow they become interested

DaleGst12: the url is <http://www.learner.org/jnorth/>

TerryLC: Susan, I would love to learn about your resources.

DaleGst12: so would i

YvonnePH: I love learner.org.....it is a wonderful site

JillRK: Me too!

YvonnePH: thanks

SusanR: let's start with Carol Hurst's site..see what works for you

SusanR: Thanks Dale

TerryLC: thanks dale

SusanR: Carol Hurst's site is divided by curriculum needs.

SusanR: see the Curriculum Areas link for helpful hints in finding books in a variety of subject areas, plus lessons plans and display ideas.

DaleGst12: which curriculum?

SusanR: The site is focused on preK - 8th grade educator's needs.

SusanR: Math Integration <http://www.carolhurst.com/subjects/curriculum.html>

YvonnePH: wow...I was looking at the patterns with picture books. There is a lot of material here. And many of these books we (UH students) have read in our children's lit class

IsisA: do you know of something like this in Spanish?

SarahMW: This is a good website showing integration of Literature and Math

SusanR: At the end of the session you may want to do a search under FILES..I have posted a math bibliography of literature that can be used in the classroom..

TerryLC: This site has a wealth of resources

SusanR: don't worry about bookmarking the site, you will get a virtual handout and a transcript at the end of the session

SusanR: I like to use this one at the beginning of a math lesson

SusanR: or to start the day

HeidiW: what site are you looking at now?

SusanR: It's about TODAY'S Date

SusanR: <http://richardphillips.org.uk/number/>

JillRK: Susan, how do you look at the site from the chat room?

HeidiW: thanks

SarahMW: This number thing is a great and neat idea

SusanR: or have two students research the date on the class computer each day

BJB2: if you have a pop up blocker, hold the ctrl key down as you click on the url

IsisA: what grades are best at using this?

SarahMW: It shows the students that numbers really do appear in real life situations.

TerryLC: I love it!

SusanR: This one is handy as well <http://www.mathsyear2000.co.uk/numberland/>

HeidiW: That is really neat for children to see numbers, their meanings and how they are involved in life.

RamiaF: I like this one

IsisA: I like the Mathionare game!!!

SarahMW: These are fun facts!

YvonnePH: I like this one. I like the drawing the students did of the numbers. check out 88....if you get a chance

IsisA: cute...

SusanR: btw feel free to jump in and share a site or URL that works for you!!

ChristinW2: These sites are neat. I have not seen these before!

IsisA: try the MATRIX thing

JillRK: Susan, I have one computer and no lab time in 1st. Any ideas on practical usage?

HeidiW: This is a way of connecting literacy and math I was never aware of.

TerryLC: That is awesome!

SusanR: Set up a chart with pairs of students and have them work on the computer throughout the day

SarahMW: Some of these facts would be fun to share with your students as the beginning of the day ice breaker.

IsisA: there are grants available for teachers to apply for and get more computers and other great tech tools

JillRK: Susan - Good idea - Thanks

SusanR: exactly, Sarah

TerryLC: You could probably give students a problem to solve. The answer could be one of the numbers on this site. Then students explore the site perhaps for specific information.

SusanR: Here's another one on morning math

SarahMW: Great idea Terry!

SusanR: from education world

HeidiW: This also integrates social studies!

SusanR:

http://www.educationworld.com/a_admin/morning_math/morning_math032.shtml

TerryLC: I like how this site addresses a variety of grade levels

SarahMW: These are good to challenge your students!

SusanR: and I know managing technology has always been a challenge for me both in the classroom and in the lab

HeidiW: This would be great beginning of the day/ end of the day activity.

YvonnePH: The Morning Math is really creative

SarahMW: You could use these problems as a Bonus

YvonnePH: However, the chicken did scare me

SarahMW: Me Too!

IsisA: yeah...I guess it would be an alternative to the daily math problem written on the board

RamiaF: me too Yvonne

IsisA: me three

YvonnePH smiles

SusanR: This site may answer Jill's question

http://www.educationworld.com/a_tech/tech/tech116.shtml

SusanR . o O (managing tech both in the lab and in the classroom)

IsisA: I think it would also help us pre service teachers

HeidiW: I do think this would be a great alternative and it would also be great way for students to be proud of their work. i.e. Math Master Gallery

TerryLC: Tons of suggestions for classroom management and technology!

JillRK: I like the idea about older students helping! I never thought of it - our buddy class has lab time!

SusanR: Yes, I used my reading buddies with my grade one students in the lab

HeidiW: I really like having the directions of how to open the programs typed out so they aren't solely relying on hearing.

IsisA: I like the not touching the computer of the person who needs help. Sometimes students don't have patience and choose to do the other's work

HeidiW: In my pre-service paraprofessional experience I have seen the cups used on the computers. This really helps with

HeidiW: management

IsisA: I like the method of not losing the track balls

DaleGst12: I love the red cups idea

IsisA: I like the museum style of showing work...students like that too

SusanR: Do any of you know I CAN LICK 30 TIGERS TODAY by Dr. Seuss?

ChristinW2: no?

SarahMW: No.

RamiaF: no

JillRK: no

IsisA: never heard of it

SarahMW: What is it about?

SusanR: one moment..

HeidiW: How do younger students K, 1 do with using the computer for language arts assignments?

JillRK: Very slow typing!

IsisA: I would definitely have the document set up with large and colorful font

DaleGst12: I've seen some cool educational webcomics they can view online

DaleGst12: but I don't remember the url's

HeidiW: cool. Thanks anyway.

SusanR: simple sites with clear instructions

DaleGst12: I've also worked with creating comics with students

IsisA: yeah...not too busy

HeidiW: That would be an excellent way to get students reading something besides books which they may not like.

JillRK: In 2nd grade they loved the web cams for animals! Especially if they went with a story.

HeidiW: Thanks for all your great ideas!

IsisA: they can always use digital cameras

SusanR: Try to tie it in with your curriculum

SusanR: I Can Lick 30 Tigers Today! by Dr Seuss ... off beat stories about a

SusanR: 30-tiger challenge..math based

SusanR: here's the lesson plan

IsisA: always model

HeidiW: true

DaleGst12: with science, they can look at 'zoo books'

DaleGst12: it tells all about a variety of animals, with sound clips, pictures and information at a low reading level

HeidiW: Is this for the primary grades or for older grades?

DaleGst12: primary

DaleGst12: it's great

DaleGst12: I'd use it with around a grade 2 level

DaleGst12: so, not quite as low as K or 1, but still pretty young

HeidiW: Is it too simplistic to use for struggling readers in the upper grades?

DaleGst12: I didn't think so....

DaleGst12: it really was interesting for me

JasonDe: is there a URL for that?

DaleGst12: I had to tear myself away

HeidiW: Good to know.

DaleGst12: sorry, I don't remember the url

DaleGst12: I have it bookmarked on my other computer at home, and I'm not at home now

SusanR: when you recall the URL, feel free to post on the whiteboard in the K to 3 Resource Room

DaleGst12: ok

HeidiW: Can you do a websearch for zoo books and find it easily?

SarahMW: Susan, did you find the lesson plan for the Dr. Seuss book?

TerryLC: yes...I'd like to learn more about it Susan

SusanR: Here it is www.halcyon.com/marcs/litmath.html

SarahMW: That is interesting.

IsisA: do you hold a session with Math and Science?

RamiaF: pretty cool

SarahMW: I have read a book with my niece that is similar, however it has ladybugs

IsisA: you can always make a class book and use it for the rest of your teaching years

DaleGst12: i love class books

JillRK: I like the Tigers. I'll give it a try next week if the school library has the book!

SusanR: I may do math and Science in the near future, Isis

IsisA: Yey...something with rocks and minerals please!!!

SusanR: and now for your students..this collection of interactive and student centered sites

SusanR: http://edweb.tusd.k12.az.us/ekowalcz/math/elementary_web_sites.htm

HeidiW: That is an interesting lesson of how to use literature, writing and math together.

SusanR: Rocks and minerals..very timely, Isis

RamiaF: fraction bars are really neat

SusanR: most sites mentioned this evening can be found in this virtual handout or online listing www.snipurl.com/mathlit

HeidiW: This page offers a wide variety of games and ideas addressing the needs of children at different levels.

IsisA: something for third grade

SarahMW: This is a neat site!

SusanR: any other suggestions for upcoming topics

BJB2: since you're doing math, have you seen the human clock?
<http://www.humanclock.com/?s=1>

SusanR: . o O (thinks Rocks and Minerals has wide appeal)

TerryLC: Susan, you did a wonderful job and provided us with some great resources.

HeidiW: I would like to know more about civics/social studies and literacy.

RamiaF: Thank you for all the neat resources

YvonnePH: when I clicked on the snipurl.com....it took me to trakstar

SusanR: wow, that's broad, Heidi

YvonnePH: anyone else have that problem?

IsisA: Thank you so very much Susan. Everything you provided is great. Thanks to everyone else too! Happy teaching!!!

SarahMW: The human clock is kind of different.

TerryLC: yes...mine went to Trackstar

SarahMW: What significance does the human clock have?

SusanR: <http://www.snipurl.com/mathlit>

HeidiW: Thank you for a great informational session. I appreciate it.

TerryLC: That one seems to work

BJB2: if you click on view clock, you'll see photos of people holding up or displaying the time

YvonnePH: thank you for the information...and great sites

SusanR: <http://www.humanclock.com/clock.php>

BJB2: . o O (kids could do something similar with digital cameras)

SarahMW: Oh, okay...Thank you BJ

SusanR: beware.. with primary students

SarahMW: Got ya!

SusanR: It is always best to preview the site

SarahMW: I thought it was going to be an interactive site for students.

ChristinW2: Thank you so much for all the great sites and information. I am sorry that I wasn't able to contribute more to the discussion. Thanks

JillRK: Susan, thanks for the sites!

DaleGst12: thank you for your help

DaleGst12: I forgot my password, so i signed in as a guest

SusanR: Try this

<http://trackstar.4teachers.org/trackstar/ts/viewTrack.do?number=250484>

DaleGst12: will I still get a transcript of this?

SusanR: I used snipurl to shorten the URL

IsisA: good night!

BJB2: no, Dale

RamiaF: thanks for everything

HeidiW: I have to go now. Thanks again.

JillRK: Good night . . .

BJB2 waves goodnight

SusanR: Thanks Bj

BJB2: thanks, Sue

SusanR: Super session

SarahMW: Susan, thank you very much for your time and effort in this discussion group. I appreciate it.

BJB2 agrees

JasonDe: Thanks again Susan!

SarahMW: BJ, thank you as well!