

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

Moderator: Susan Roseman

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SusanR: Happy Spring!

SusanR: <http://www.procreo.jp/lab0.html>

SusanR: try the flower Garden

SusanR: Perhaps we can start with brief intros..what brings you to Tapped In...

RaulG: That sounds good

SusanR: what you hope to gain from this session

SusanR: the grade level or area of education involved

RevecaF: I want to gain more knowledge of how to interact technology with math.

SusanR: I am Susan Roseman from Ottawa, Ontario..currently a K to 8 Occasional Teacher

BrittanyRM: I am a student at Texas A&M Kingsville and I will like to teach k-4 someday

MeghanML: My name's Meghan and I am studying education and planning to teach 1st grade

GlendaT: My name is Glenda and I'm a student teacher in 1st grade

RaulG: Well I'm a music ed major, but it's good to learn about new technology so that's why I'm here

GlendaT: I want to learn where to go to improve my math lessons using technology

RevecaF: I am in Student Teaching at University of Houston, right now I am with 3rd graders and had worked with kinder.

SusanR: I am your host and moderator for this evening's session.

RevecaF: I would like to work with 1st or kinder.

BrittanyRM: I will like to learn how to handle kids and new ways to improve on teaching so that classes are not so boring

SusanR: April is Math Awareness Month. The goal is to increase public understanding of and appreciation for mathematics.

SusanR: lots of ideas here if you are a k to 1 teacher <http://www.everydayteaching.com/>

RaulG: Wow I didn't even know it was math awareness month

SusanR: I subscribe to their newsletter and find their ideas timely

RevecaF: I am also interested in learning other ways of teaching math without it becoming something boring to the kids, example TAKS.

SusanR: It's Poetry Month as well and Earth Awareness Month

BrittanyRM: me either that's new to me but it's good that they have a month for math because a lot of students dislike math

RaulG: Well music has a lot to do with counting, a lot

MeghanML: when I was younger my teachers taught us multiplication adding and all of that good stuff with candy. It really got our attention.

RaulG: It relates very well to math

GlendaT: I found out that a lot of my students like math

GlendaT: They love doing fractions

SusanR: Well I selected a cross section of websites that will provide you with information and ideas to help improve your students' basic math skills.

BJB2 thinks Raul should participate in the Music Across the Curriculum discussion on May 14

BJB2 . o O (Music and Math)

SusanR: Do jump in with any sites or ideas you wish to share

BrittanyRM: wow I was good at math until high school, do you have any pointers on how I could improve on getting better and staying focused.

SusanR: I stumbled across this one today for teaching the basic number facts..tricks and tips

SusanR: <http://olc.spsd.sk.ca/de/math1-3/p-mentalmath.html>

RevecaF: Well, since I am working with third graders I feel that the math that was taught to me was easier compared to what they are learning.

SusanR: I am tutoring grade 6 students so I find the Maths Dictionary invaluable

SusanR: well this may be invaluable
<http://www.teachers.ash.org.au/jeather/maths/dictionary.html>

RevecaF: do you know any sites that will teach double digit multiplication.

RaulG: Well It's proven that teaching students music can improve their thinking skills

SusanR: maths dictionary..covers numerous terms and the new math terminology with interactive examples

SusanR: Click under 'M', Reveca

SusanR: Math and music have always been considered closely connected in many ways. It is widely believed that students who do well in music also excel in math.

RaulG: music is all about counting

RaulG: subdividing beats and such

RevecaF: Well music is important in any subject because it helps our brain improve.

SusanR: Here is an idea I am using with my students tomorrow

RevecaF: I am ready for the idea.

RaulG: Well you don't have to be good at one to be good at another

RevecaF: True.

RaulG: But they are very close as far as how they work

SusanR: Here is the idea for using all those inserts Buy Groceries: Wish you had a dollar for every time you heard "But we'll NEVER use this when we grow up"? Using the newspaper grocery ads inserts, "give" your students \$100 to spend. A great combination of math, health and social studies.

SusanR: the amount of money can be modified for younger students

MeghanML: I like that idea

RevecaF: Oh I have something to share.

MaureenB: love the idea Susan

SusanR listens to Reveca

RevecaF: When I was with kinder, they needed to learn to count up to 9 cents.

RevecaF: I created a PowerPoint to show the money.

BrittanyRM: what did you use to help them learn?

RevecaF: I then had the children count money every day to prepare them for the store that was going to be in class.

SusanR: real life math

RevecaF: The children had fun I gave each kindergartner \$3.23 cents.

MaureenB: I have my students measure their room and than draw it on graph paper. They then have to buy carpet or tile (area) and a border (perimeter) and figure the cost.

RevecaF: I had them buy a pencil, a clock puzzle, and an eraser.

RevecaF: The last item cost 9 cents.

BrittanyRM: did they have fun?

SusanR . o O (a classroom garage sale)

GlendaT: I loved using the news grocery ads

RevecaF: They had a choice of a whistle or space ship that splashed water.

RaulG: That is very creative

RevecaF: They all knew by then how to use five cents and four pennies.

MeghanML: that s a good idea...

RevecaF: I had told them if they did not count correctly then they could not buy the item.

RevecaF: Guys everyone achieved even the child that had Autism.

BrittanyRM: did any of them ask you for help?

RevecaF: I though so much and then it came. I asked my teacher and she said it would have been better with newspaper adds.

JosephFr: Explain

SusanR . o O (have the students collect those grocery inserts)

RevecaF: But I wanted the children to have a concrete object since that is how we use money. It made it more important.

SusanR : lots of resources here <http://www.internet4classrooms.com/math.htm>

SusanR : with grade levels

SusanR : and curriculum standards

GlendaT: I had trouble finding material to teach probability to 1st grade

DavidWe smiles

DavidWe: What IS probability in first grade?

DavidWe . o O (rolling dice?)

JosephFr: Yeah I haven't heard of that

SusanR : Here is a lesson that might appeal to first graders..use the story "The Old Lady who Swallowed the Fly"

SusanR : <http://www.uen.org/Lessonplan/preview.cgi?LPid=10701>

SusanR : Use dice and graph the results

RaulG: Well what about on the side of technology to enhance math skills, any ideas?

SusanR : Raul, Project Interactive

SusanR : one moment I am digging up the link

SusanR : <http://www.shodor.org/interactivate/>

SusanR : 70 interactive lessons, covering topics for grades 3-5, 6-8 etc

SusanR: courseware that engages students with virtual explorations

SusanR: interactive games and lessons

SusanR . o O (you may want to consider having a math fair for parents)

SusanR: illustrating and reflecting on what they have learned throughout the school year

SusanR . o O (Teachers use fun, games to relax students for tests)

RaulG: Man we have gone a long way, I remember we used to count beans

SusanR . o O (Kentucky teachers are reviewing material for state standardized tests using games, pep rallies and yoga, anything to reduce the stress of 12 to 15 hours of testing)

SusanR: "I was looking for a fun way to get them comfortable with taking the test so that they don't freeze up," said teacher Francine Chandler. The Courier-Journal (Louisville, Ky.) (4/23)

SusanR: <http://www.courier-journal.com/apps/pbcs.dll/article?AID=/20070423/NEWS0105/704230401>

GlendaT: My students love using the computers during stations. I always try to find activities to go with the subject

RevecaF: That is true that is how my teacher drilled the TAKS into the students. They had fun and it did not seem as if they were going over all the strategies and tips for TAKS.

SusanR: These games are definitely stress relievers. and enjoyed by kinders all the way up to grade 8

SusanR: <http://www.ferryhalim.com/orisinal/>

GlendaT:
http://www.bgfl.org/bgfl/custom/resources_ftp/client_ftp/ks2/maths/fractions/index.htm

GlendaT: this is short activity for fractions

RevecaF: Hmm.

RaulG: Well games are always a good way to keep kids entertained

SusanR: This math site has a game like feel..rainforest math..

SusanR : <http://www.rainforestmaths.com/>

DavidWe . o O (very good site if people don't know it)

SusanR : even for kinders

SusanR : there is a tremendous amount of learning on this site

BrittanyRM : do kids learn on there?

SusanR : I am using it for consolidation

SusanR : and extension and reflection

RaulG : Well like I said, we used beans

RevecaF : Like a review?

RaulG : and not even jelly beans

JosephFr : A review always helps

DavidWe smiles

SusanR . o O (don't forget concrete manipulatives)

JeffC : yup... kids *love* concrete!

SusanR : the real thing

DavidWe . o O (cuisenaire rods)

RevecaF : Even when learning about transportation, the objects used to show them the different types of transportation can be used to graph. by vehicles.

RaulG : What about tutors

RevecaF : Kinder, they feel like they are playing with toys.

SusanR : I will leave you with two books to read if you wish ..as we wind down the hour

RaulG : do you use your brighter kids as tutors?

SusanR : two great books I recommend

RevecaF: Raul I would but do not limit them in staying at level have them develop higher thinking skills.

SusanR: Real Life Math Mysteries

SusanR: It's Alive: It's Math Like You've Never Known It Before...and May Never Know It Again. It is a collection of slightly off the wall math word problems written by junior high kids.

SusanR: <http://www.prufrock.com/productdetails.cfm?PC=39>

SusanR: <http://www.amazon.com/Its-Alive-Youve-Never-Before/dp/1882664272>

RevecaF: Are these books for ourselves to read or to have and interact with the children?

GlendaT: Thank you for all the links

DavidWe: Susan, do you know "Math Curse"?

SusanR: sorry one great book and another great site

SusanR: <http://cemc.uwaterloo.ca/mathfrog/main.shtml>

DavidWe smiles

GlendaT smiles

SusanR: Yes, I love Math Curse, David

DavidWe smiles

BJB2: Thanks, Sue, for a very informative discussion as always!

DavidWe: http://www.txla.org/groups/tba/annotations/math_curse.html

JosephFr: Thanks for the link

DavidWe: I do, too

RicardoS: yeah

BJB2 waves goodnight

GlendaT: Thank you, goodnight

BrittanyRM: nice meeting you all...night

RevecaF: goodnight.