

**Title of Session:** Math Resources K-20+

**Moderator:** Jeff Cooper

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Room: Math Resources K-20+ Group

**BJB2:** let's do introductions

**BJB2:** I'm in Pennsylvania and teach remedial communication

**WendyV:** I am a student teacher in Houston in an eight grade Math class

**MaureenB:** 4th grade teacher in Putnam County NY

**BJB2:** are math teachers certified K-12, Wendy?

**WendyV:** It's actually 4-8 and 9-12 but it might change soon

**BJB2** nods.

**MaureenB:** how are they thinking about changing it?

**WendyV:** It might go 6-12 certification

**MaureenB:** that makes more sense

**MaureenB:** that's where NY always makes the biggest changes

**WendyV:** yes it does I want to get my 9-12 before it goes to 6-12

**MaureenB:** would you have to do more course work because the larger span makes you more marketable

**WendyV:** I am not sure since they have not gone into specifics but I am guessing yes

**MaureenB:** although there is not enough money in the world to have me work with a middle school population :)

**WendyV:** Middle school is tough

**BJB2** chuckles

**SherylM** joined the room.

**SherylM**: Hello all

**MaureenB** waves to Sheryl

**BJB2**: hi, Sheryl. We're having an informal chat until Jeff arrives

**WendyV**: I thought 8th grade would be like 9th (I've tutored at high schools) but there are many more changes going on within those growing bodies and minds : )

**WendyV**: Hello Sheryl

**SherylM**: Hi! Working w/8th graders?

**WendyV**: Yep

**SherylM**: Surprisingly, I discovered I really liked 6th graders when they are in a Middle School ;D

**WendyV**: Have you worked with 8th graders. I would like to see how 6th graders are.

**SherylM**: Hi, Maureen

**MaureenB**: hi

**SherylM**: Yes, I have taught 8th grade science. No one should judge by my experience:(

**WendyV**: I am student teaching and at the end of my student teaching I get to observe. Maybe I will observe 6th graders

**SherylM**: 8th graders in summer school are OK! They don't have to be too tough!

**BJB2**: 6th graders still have one foot in elementary school

**SherylM**: So, Wendy, what subject area are you working in?

**WendyV**: I am in Math

**SherylM**: Are there any groups taking Algebra I in the 8th grade?

**WendyV**: Out of 6 periods we have one Algebra (my mentor and I)

**WendyV**: I would love to teach ninth grade when I am done with student teaching, I just have to get certified first

**SherylM**: Yep, I hear that.

**SherylM**: So, Pi Day will soon be upon us! <http://www.piday.org/>

**BJB2** cheers

**JeffC** joined the room.

**MaureenB**: my kids will be wanting pizza :)

**BJB2** . o O ( today was good too....very assertive: march forth! [3/4] )

**WendyV**: When is pi day

**BJB2**: 3.14

**SherylM**: hee hee, Maureen

**JeffC** waves... sorry... had to pick up my kid from school.

**SherylM**: that reminds me of a Pi joke

**MaureenB**: what a good dad

**SherylM**: ;D

**BJB2**: we're waiting to hear Sheryl's pi joke

**SherylM**: OH

**SherylM**: OK, it is rather long

**SherylM**: We live in farm country

**MaureenB**: you started you have to finish

**SherylM**: A farmer took his college son to the coffee shop to brag to his farming buddies

**SherylM**: The farmer said, "Son! Tell us something you are learning about at college"

**SherylM**: So the kid says, OK, pi r squared

**SherylM**: Then the some of the farmer buddies started mumbling.

**SherylM**: Finally, one of them said, Pi are not square, Pi are round!

**SherylM**: Very corny

**MaureenB:** hehe corn pi

**BJB2** chuckles.

**SherylM:** I still love it

**SherylM:** My dad told me that when I was in Algebra I in the 8th grade. long ago

**WendyV:** Cool I liked it : )

**BJB2:** What do you call what happens when you cut a pumpkin by its diameter?

**SherylM:** pumpkin pi

**SherylM:** ???

**BJB2:** Pumpkin Pi!

**WendyV:** lol

**BJB2:** What do you get if you divide the circumference of a bowl of ice cream by its diameter?

**SherylM:** ???

**BJB2:** Pi a'la mode.

**MaureenB:** ??

**SherylM:** heehee

**MaureenB:** hehe

**SherylM:** <http://www.piday.org/widgets/> there are widgets on the Pi Day website.

**SherylM:** I love widgets.

**SherylM:** and chiclets

**WendyV:** thanks for the resource

**MaureenB:** What do you get when you take a native Alaskan and divide its circumference by its diameter?

**WendyV:** ??

**SherylM**: I wondered how to get this one?

**MaureenB**: Eskimo Pi

**WendyV**: = D

**SherylM**: Alright, now you can corn it up with your students all the way til Pi Day

**WendyV**: Sorry, I have no jokes : (

**MaureenB**: google

**MaureenB**: What do you get when you take the sun and divide its circumference by its diameter?

**SherylM**: That's OK! I only have 1. Google and look on the PI Day website

**WendyV**: ok

**SherylM**: ??

**MaureenB**: Pi in the sky

**SherylM**: That's a good one. I will have to remember that one

**SherylM**: <http://www.exploratorium.edu/pi/index.html>

**SherylM**: another Pi Day celebration at the Exploratorium

**SherylM**: In team teaching my English colleague would have the kids learn Pi limericks and write some

**BJB2**: anyone a Dave Barry fan?

**SherylM**: I noticed this last website has a link to Pi Limericks.

**BJB2**: <http://www.doe.virginia.gov/Div/Winchester/jhhs/math/humor/apr22.html>

**SherylM**: sure

**WendyV**: Cool pi limericks

**WendyV**: Any math books anyone can suggest?

**SherylM**: Where does he get this stuff?

**MaureenB:** Pi limericks are cute

**JeffC:** math ebooks: <http://www.mathbyjoe.com/page/page/2908604.htm>

**SherylM:** 10 Days to a Better Pi. No, just kidding.

**WendyV:** thanks I will check that site out

**JeffC:** XP Math Games: <http://www.mathbyjoe.com/page/page/2908604.htm>

**MaureenB:** I'll have to get out my copy of Sir Circumference of the Round Table

**SherylM:** Here is a website, called Pirate's Math. This guy is a parent who started out trying to make school math more interesting to his daughter. <http://piratesmath.com/>

**JeffC:** Wendy, hold the Ctrl key down when clicking links, or accept popups from this site (best). Otherwise your popup blocker logs you out when you click links here.

**SherylM:** OH, yes Maureen. I forgot about the Sir Cumference and the Round Table books

**WendyV:** thanks

**MaureenB:** Reading that and the Pi finding activity would be great for the day

**SherylM:** Yes, there are several of those books

**WendyV:** Sounds good. 3-14 is actually a day before our spring break so the kids might appreciate such day

**BJB2:** . o O ( teachers too! )

**SherylM:** Yes, even if it is just a few activities...even just one to start with will be great

**WendyV:** Sounds good even as a warm up

**SherylM:** Yes, that would be a great way to start

**MaureenB:** on our science assessment the kids have to measure the diameter of the opening of a jar I can work that in on how to find the diameter

**WendyV:** I read one lesson plan on making pi necklaces

**BJB2:** Simple Simon met a pi man

**BJB2:** Going to the fair.

**BJB2:** Said Simple Simon to the pi man,

**BJB2:** "You have unusual ware.

**BJB2:** The pi's I've seen before were round

**BJB2:** But, gosh, your pi's  $r^2$ ."

**MaureenB:** hehe

**JeffC** . o O ( and Bj thwacks \*me\* when I'm punny! )

**SusanR** . o O ( wonders how Maureen has been infusing technology )

**SherylM:** Here is a link for the Sir Cumference books:

<http://search.barnesandnoble.com/booksearch/results.asp?WRD=Sir+Cumference>

**MaureenB:** thwack her back

**JeffC** doesn't even thwack his own kids.

**JeffC** is anti-thwacking.

**MaureenB:** an air thwack

**MaureenB:** My lessons have become more visual since I got a Smartboard

**WendyV:** I wish we had a smartboard in the class I student teach

**SusanR:** I know one teacher that gives air thwacks to her students every time they have a birthday ..kids love it

**WendyV:** I love those

**WendyV:** school I plan to teach in has those. I can't wait

**MaureenB:** they are great. Just have to remember to set it up each day because the projector is not ceiling mounted

**SusanR:** I have had the experience of working in a class with a Smartboard. I am a sub. Can't wait to be called for that class again

**WendyV:** I can think of so many ideas and I have seen how teachers take advantage of them

**MaureenB:** I have a document camera also so kids can just put their work down and I can project it on the board and they can explain their work

**WendyV:** So cool!

**MaureenB:** It was wonderful prepping them for the state test. I could show multi ways to solve a problem and not have to wait for them to write it on the board

**WendyV:** I know there are game templates one can modify to incorporate their topics in. For example jeopardy or millionaire, I can see how the smartboard would help

**SusanR:** Here's a way to create a 100\$ Smartboard

**WendyV:** Sounds like a wonderful idea Maureen

**WendyV:** How?

**BJB2:** I've been putting a lot of games in the Playing to Learn group room

**JeffC:** here are some interactive math sites for the smartboard:

<http://www.theteachersguide.com/InteractiveSitesMathSmartBoard.htm>

**SusanR:** Some teachers are using March break to create one.

**SusanR:**

[http://blog.loaz.com/timwang/index.php/2007/12/11/multi\\_touch\\_whiteboard\\_under\\_100\\_dollars](http://blog.loaz.com/timwang/index.php/2007/12/11/multi_touch_whiteboard_under_100_dollars)

**SherylM:** Yahoo has a Pi widget

**JeffC:** here's a redirect for the math smartboard site:

<http://snurl.com/mathsmartboard> [www\_theteachersguide\_com]

**SusanR:** Thanks Jeff

**WendyV:** Neat I had no idea there were smartboard sites for math

**WendyV:** Thanks

**MaureenB:** Wow I would love to see that Wii board work

**JeffC:** more math smartboard ideas:

<http://www.emints.org/ethemes/resources/S00001794.shtml>

**JeffC:** or: <http://snurl.com/mathsmartboard2> [www\_emints\_org]



**MaureenB:** looks like I have a long weekend checking out sites

**MaureenB:** but first I will make sure my report cards are done

**WendyV:** Do you have a site where I could find any ideas for algebra I hands on activities

**SherylM:** Search for your favorite numerical strings within the first 200,000,000 digits of Pi! Your birthday, anniversaries, car license numbers - anything you want.

**JeffC:** I think I already have some links in this room Maureen.

**JeffC:** but hold on... I'll check for more.

**SherylM:** <http://widgets.yahoo.com/widgets/my-pi>

**MaureenB:** I probably have some of them too but I will have to explore

**MaureenB:** just watched the video on that cheap smartboard

**WendyV:** I am also looking forward to checking out all these websites

**JeffC:** <http://www.veazeys.com/math/lessons.htm>

**MaureenB:** sounds good but I don't think I could pull it off

**JeffC:** <http://www.mathsnet.net/algebra/index.html>

**SherylM:** Wendy I have used NRich: <http://nrich.maths.org/public/> It is great

**WendyV:** Thanks Sheryl

**SherylM:** they have online stuff and things to download; sign up for their email

**JeffC:** this one is java based: <http://www.cut-the-knot.org/algebra.shtml>

**WendyV:** Thanks, I need all the help I can get and although I have not contributed much you guys are really helping me

**SherylM:** Come back next meeting; D

**BJB2** looks at the clock on the wall

**SherylM:** ooh, Jeff cut-the-knot looks cool

**WendyV:** = O time went by fast

**SusanR**: This one I stumbled upon..a great one for homework help..tutoring

**SusanR**: <http://www.webmath.com/index3.html>

**BJB2**: The next Math Resources K-20 will be on April 8

**JeffC**: pre-algebra games: <http://www.gamequarium.com/prealgebra.html>

**JeffC**: algebra games: <http://www.active-maths.co.uk/algebra/games/index.html>

**JeffC**: those should keep you and your students busy and having fun for a while!

**JeffC**: ok... now I have to run off to Science Resources.

**WendyV**: Thanks to everyone, Goodbye

**SherylM**: u r very welcome

**MaureenB**: nite good luck Wendy

**SherylM**: have a great Pi Day