

Title of Session: Arts and Literacy - Math

Moderator: BJ Berquist

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Room: After School Online

BJ: We usually start all the discussions here with introductions

BJ: I'm an art teacher in Pennsylvania and a helpdesk volunteer for Tapped In

SeciliaC: BJ are going to our speaker today?

ShereeR: I am an artist / art educator in St. Petersburg Florida. I teach severely emotionally disturbed K-12

BJ: Yes, Sorry, Secilia. I'm the discussion leader for this session

KristenP: I am a Preservice Teacher in Texas

GriseldaB: I am a pre-service teacher

SeciliaC: I am also a pre-service teacher in Texas

NicoleGst4: I am a preservice teacher in Akron

HeidiT: I am a student at The University of Texas at Tyler. I plan to teach Secondary Education: Mathematics.

AllenBe: I'm a retired teacher, active 'curricularist'...in California

LanT: I am also a pre-service teacher in Houston.

JeffC: I'm an educational consultant and also help desk here... in Oregon.

BJ: Great...thanks, everyone.

BJ: Tonight's topic is using picture books in the math classroom

BJ: there was a wonderful article in the ENC Focus magazine and I'm going to share that with you because it has some terrific resources

BJ: everyone ready?

AllenBe: yep

LanT: yes

NicoleGst4: yes

GriseldaB: yes

KristenP: yes!

BJ: I'm going to be showing you a url that is hyperlinked. Click on the hyper link to open a new window

HeidiT: Yes Ma'am

SeciliaC: You bet!

AllenBe: ok

BJ: The name of the article is Bringing Literature into the High School Math Class, but I believe there are some resources that can be used at the elementary level

BJ: click on www.enc.org/focus/mathlit/

BJ: then go to the right column and click on Literature in High School Math

KristenP: I love Math Curse!

BJ: take three minutes to look at that page and then come back to this window

BJ: Everyone ready to continue?

ShereeR: yep

AaronC: Ready!

JessicaGst1: yes

LanT: yes

NicoleGst4: yes

KristenP: yes

GriseldaB: yes

BJ: click on Bringing Literature into the High School Math class

BJ: <http://www.enc.org/features/focus/archive/mathlit/document.shtm?input=FOC-003237-index>

HeidiT: Yes

BJ: this is chock full of goodies. One of the features is that the teacher is trying to improve reading comprehension and uses graphic organizers

BJ: there is a link to graphic organizers on that page

LanT: I like this strategy.

AllenBe: thanks, very good website to browse

HeidiT: I agree, this is really interesting.

LanT: It really helps the students see their thinking process.

BJ: ENC is a fantastic resource. I recommend that you subscribe to the Focus magazine

GriseldaB: I have always liked the idea of using books to aid in teaching math concepts

BJ agrees with Lan and Griselda

KristenP: What does ENC stand for?

BJ: Eisenhower National Clearinghouse for Math and Science

KristenP: thank you

BJ: Let's move to the next article on the list...Elementary, My Dear Watson

BJ: <http://www.enc.org/features/focus/archive/mathlit/document.shtm?input=FOC-003243-index>

KristenP: the web resources are fun

BJ: the next article, Launching Mathematical Investigations carries the Sherlock Holmes theme to the next step

BJ: <http://www.enc.org/features/focus/archive/mathlit/document.shtm?input=FOC-003235-index>

BJ: now we come to my favorite part...Using Picture Books in High School Math

BJ: <http://www.enc.org/features/focus/archive/mathlit/document.shtm?input=FOC-003234-index>

LanT: I like how these lessons are integrating math with reading and social studies.

BJ: I've used picture books with 12th graders...it's all in your attitude in how you present the material

SeciliaC: I am enjoying all the books that can be used to teach math concepts.

KristenP: I know as a high school student which was only 5 years ago I loved being read to in class

LanT: We still do, even in college level, to be read to.

GriseldaB: I wish our teacher had used books like these when I was in high school.

AllenBe: As I kid I always liked Sherlock Holmes...and trying to figure out the "clues" ...who done It?

GriseldaB: I enjoy being read to in our classes in college.

BJ: makes math less threatening

HeidiT: I would have never thought to use picture books with high school students. But this has really opened my eyes.

BJ: and relates to everyday things the students already know

SeciliaC: This makes math fun

GriseldaB: Of course, some do not even know they are learning about math.

LanT: That is so true.

KristenP: exactly...sometimes I forget to pair picture books with teaching math but it really helps

BJ: o O (shhhhhh....don't tell them, Griselda)

GriseldaB: pictures books help with every subject.

KristenP: I wish my mentor teacher agreed with you Griselda

BJ: agrees...that's why I do this Arts and Literacy discussion every month

AllenBe: Mitsumasa Anno has some great "children's" picture books re: Math

BJ: next article on the ENC site is Reading for the fun of it

BJ: o O (let's see if they have more books for us)

BJ: <http://www.enc.org/features/focus/archive/mathlit/document.shtm?input=FOC-003241-index>

KristenP: sounds great

BJ: wants to order ALL the books!

GriseldaB: There is one book called , I think, "Odd Todd and Even Steven" that is about even and odd numbers.

GriseldaB: The students enjoyed this book a lot.

BJ: thanks, Griselda

BJ: the last article is Animating Mathematics...very cool

BJ: <http://www.enc.org/features/focus/archive/mathlit/document.shtm?input=FOC-003236-index>

GriseldaB: Yeah, teachers can always use current events in math to share with the class.

LanT: Wow! Even for elementary students because of their interest in Toy Story and A Bug's Life.

BJ: nods

GriseldaB: Math is always hiding somewhere in anything you can think about, we just never spend enough time to look for it.

LanT: I agree Griselda.

KristenP: Have you read Math Curse lately Griselda B...you sound like that book!

GriseldaB: No I have not

BJ: chuckles

GriseldaB: I probably will

NicoleGst4: It is a good book

JenniferL: very funny

AllenBe: I am out of the current "software" loop, but are there inexpensive animation programs for students to use to create their own animations/stories...?

BJ: Allen, you might do a search for software on the ENC site

BJ: if you're interested in subscribing to ENC Focus Magazine (it's free)

AllenBe: thanks, i'll check... the ENC Site looks very impressive and comprehensive

BJ: the registration page is at <http://www.enc.org/features/focus/?ls=fe>

SeciliaC: Thanks BJ I will check out the website to register.

LanT: I'm impress by Catmull.

LanT: Figuring out numbers that involve square root of negative one and then creating new math to solve!

LanT: Amazing!

BJ: if you scrolled down on the last page I showed you, you'll see that an upcoming issue of Focus is Math and Social Studies

HeidiT: That should be interesting.

BJ: anyone have any questions? I know we zipped through that pretty quickly

BJ: another resource you have is your school arts specialist...

KristenP: I just need time to look through all this, it is great stuff that I do not want to look over

GriseldaB: I would enjoy reading that article

BJ: you can collaborate on the illustrations in the book

GriseldaB: yeah I also would like to look over the websites again

HeidiT: No Ma'am. The information was great though. I plan to read more about it later. It all sounds great.

LanT: Me too.

BJ: one nice thing about TI is that you'll have a transcript of this discussion...

BJ: including all the urls if you missed anything

BJ . o O (if you're a member)

AllenBe: I'll check the ENC website after class...

HeidiT: That makes it so much easier than trying to write it all down.

SeciliaC: I have one question. I am not familiar with this website, so I am interested in knowing if it offers information for elementary teachers too?

BJ: yes, Secilia, ENC has resources for K-12 in both math and science

BJ . o O (some of the information shared tonight was for elementary level)

SeciliaC: Thanks, I will look it up.

GriseldaB: that will be great because that is the what I need (k-4)

LanT: So do I.

AaronC: I am a preservice teacher and I have techniques and websites being thrown at me every week. It's nice was nice to have someone walk me through this. Thanks BJ!

JeffC will be stealing... I mean using... the links that BJ brought up today for my Math Forum tomorrow!

BJ: a lot of the picture books can be adapted for elementary, too....100 Ants is a good one

BJ . o O (for example)

BJ: yes, thanks for reminding us, Jeff.

BJ: the next Arts and Literacy discussion will be on the first Monday of December.

BJ: Anyone have a request for a topic?

LanT: Will you be having the Frugal Teacher again anytime soon?

LanT: I missed that one last time.

BJ: Frugal Educator is November 24.

LanT: Great! Thanks BJ.

KristenP: I love Frugal Educator!

KristenP: teachers like anything free

GriseldaB: very true

LanT: Definitely

BJ: Rosemary apologizes for not being here for the last Frugal Educator...

BJ: she had a sudden family emergency.

KristenP: You did great though BJ!

BJ: thanks, Kristen.

BJ: any questions? Are you all doing ok with logging in to Tapped In and participating in the discussions?

AllenBe: yes, doing fine...

GriseldaB: yes, thanks for asking

KristenP: yes, I think I will continue to use Tapped In

GriseldaB: me too

NicoleGst4: This is my first Tapped In and I enjoyed it

HeidiT: This is actually my first discussion, but I was surprised at how easy it was to work with. I have enjoyed it very much.

BJ: if you ever have any questions or problems, please let someone on the helpdesk know!

AaronC: Doing great, thanks!

SeciliaC: This was my first time participating in the discussion and missed up once, but now I think I got it.

BJ smiles happily. It's easy to lead a discussion with such an enthusiastic group

GriseldaB: my first time too in tapped in discussions

LanT: It's been a great experience!

BJ: The calendar has lots of events...elementary should be sure to participate in the K-3 recourses

NicoleGst4 left the room (signed off).

BJ . o O (the topic for K-3 on November 11 is also math)

SeciliaC: Does it cover other areas too?

KristenP: Definitely, thank you BJ for the walk though in the ENC website

BJ: yes, Secilia. The topic for November 25 is something else, but I forget what

BJ: It's been a pleasure, everyone

LanT: Thank you BJ!

GriseldaB: thanks

AllenBe: Thank you BJ...

SeciliaC: Thanks BJ.

BJ waves goodnight. Thanks for joining the discussion.