

Title of Session: Math Resources K-20+ - Great Green Globes Contest

Moderator: Jeff Cooper

Guest Speaker: Ihor Charischak

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Room: Math Resources Group

JeffC: Hi Ihor

IhorC: hi Jeff.

IhorC: Some last minute tweaking.... I'm sorry David isn't here. He helped me a lot with this.

JeffC: ok

JeffC: have you started a yugma session yet?

IhorC: Not yet. I wasn't sure I wanted to try without David, but we can give it a shot.

JeffC: Katy... we'll get started in a moment... Ihor... go ahead and go to yugma and start a session.

IhorC: I'm doing it right now.

BJB2: Katy, you might want to go to the Actions menu in the top right of the chat and select detach

KatyB: Okay

IhorC: session id [215-511-095](#)

JeffC: Ihor's going to demonstrate a program called "Great Green Globes" and the best way to do that is for us to see his desktop. Therefore... we're going to use a site called Yugma. Hold your Ctrl key down and click on <http://www.yugma.com> (which will open in a new tab or window)... we'll get that going after introductions.

JeffC: I'm on Tapped In Helpdesk and facilitate this group (although I'm not a math teacher). Today we're going to look at a program called Great Green Globes which Ihor will talk about and also demonstrate. If everyone could click on the above link and then the "join a session" and type in the numbers [215-511-095](#) ...we'll move over to Yugma in a bit.

IhorC: I actually prepared a youtube video intro which just landed!

JeffC: excellent!

IhorC: Katy, tell about your interest in math...

KatyB: I am always looking for new ways to teach math to my students. Finding various ways to teach a concept reaches so many more student needs

IhorC: What grade level?

JeffC: ok... go ahead and post the link to the youtube video on green globs, so it will be in the archives... and we can look at it.

KatyB: Sorry, third grade

JeffC: we'll get to yugma a bit later.

IhorC: Ok.. Let's start with the Contest site <http://dmcpres.org/gg/tappedin>

JeffC: hold the Ctrl key down when clicking or accept popups from this site, Katy.

JeffC: otherwise your popup blocker might log you out.

IhorC: I didn't know that

IhorC: I'm struggling a bit here on my small screen.

IhorC: Have you got that page up?

JeffC: yes

KatyB: I can't connect from the link... trying

IhorC: Great. The contest kicked off today.

IhorC: I posted page 2 this morning. click on that link.

IhorC: its at the bottom

JeffC: try this Katy: <http://snurl.com/greenglobs>

JeffC: Green Globs home [web_mac_com]

KatyB: Sorry, at the bottom of where?

JeffC: if clicking doesn't work, type it in another tab or window.

IhorC: Here are the instructions for playing globs which I go over in my video which is on page 3

JeffC: one sec Ihor... let's get Katy to the website first.

IhorC: there are three glob boards for the students to try.

JeffC: here's the link again, Katy: <http://snurl.com/greenglobs>

JeffC: let us know when you're there... then Ihor will take over.

KatyB: Go ahead, I'm having computer problems and trying to help my family. I will catch up...should be just a sec

IhorC: If you click on globs game 1 graphic on the right you should get the score sheet

IhorC: which you can print out to record your score.

JeffC: then go type in <http://snurl.com/greenglobs> (don't click this... just type it in a new window or tab).

IhorC: <http://dmcpress.org/gg/page3.html>

IhorC: then click on the youtube link.

EricP joined the room.

JeffC: Hi Eric

EricP: Hi

JeffC: we're going to look at Great Green Globs

IhorC: Have you heard of Green globs?

JeffC: go to <http://snurl.com/greenglobs> (don't click this... just type it in a new window or tab).

EricP: I haven't. I've sort of stumbled into this room, but I'm interested.

JeffC: we're waiting for Katy to join us from reception.

IhorC: That's what I need to hear!

IhorC: what grade level interests you most?

EricP: I work with k-5.

EricP: I've got the green glob page open in another tab

JeffC: excellent Eric!

IhorC: Good. This program is usually attended for older kids...

IhorC: but I've seen it work really well with 5th graders.

EricP: I'll stay a little while and see if it might be applicable to the kids I work with.

JeffC: it's fun Eric

JeffC: and I think the kids will love it regardless of their age.

IhorC: It has to do with graphing equations and ordered pairs

JeffC: it will be an interesting way to introduce them to graphing at a younger age than "standards" allows.

JeffC: I don't think that most elementary teachers even start doing graphing until maybe 6th grade... but you would know more than me about that Eric.

EricP: Ok. I was actually teaching Hands on equation with third graders today. Don't know if you're familiar with that.

IhorC: I also call transformational because I've seen it turn kids on who are not interested in math

IhorC: That's perfect. Let me take you to the 4 minute video that I prepared for this session.

JeffC: could you tell us a little bit about Hands on equations, Eric?

JeffC: right... and look at the 4 minute video (multitasking time!)

EricP: It's a program that introduces basic algebra to elem. kids with manipulatives.

EricP: How do I get to the video?

IhorC: Sounds good. In fact I'll get the youtube original which I just uploaded

JeffC: paste the url up here Ihor, and I'll create a redirect.

IhorC: <http://www.youtube.com/watch?v=X64psTYWCHQ>

EricP: I'm watching it now. My streaming is a little slow.

JeffC: <http://snurl.com/ggvideo> [www_youtube_com]

JeffC: there's a redirect to the above link.

IhorC: It's 3:40 minutes long

JeffC: how do you like it so far, Eric?

IhorC: Be gentle it's my first effort!

EricP: Interesting, but probably over my students' heads.

IhorC: I've had great success with urban kids in New Jersey.

EricP: I guess it's really over my head too. With training, I'm sure I could get it, but I haven't taught any math over fifth grade.

JeffC: right... of course for lower elementary just getting them started understanding X and Y values would be a tremendous head start.

EricP: Exactly

IhorC: It's great preparation for future work with functions.

JeffC: would you like to see it in action, Eric? We have a session started at <http://www.yugma.com> where if you join session [215-511-095](tel:215-511-095) you may watch Ihor's desktop as he plays with it.

EricP: Thanks, but I don't think I'm ready for this now. Thanks for sharing though. I'm going to slip out now.

JeffC: ok

EricP left the room.

JeffC: Katy never made it back, Ihor.

IhorC: Nice try, Jeff.

JeffC: We can wrap it up for today... and try scheduling again in the summer if you like.

JeffC: I think that kids could have a lot of fun with it... and it looks a lot more reasonable

in terms of price now for schools.

IhorC: Sure. You wanta try the Yugma one more time?

JeffC: sure... I'm there.

JeffC: if you want to start sharing

JeffC: let me ask you a few questions about it here first.

IhorC: OK

JeffC: when you plot the globs... do you do that at random? Or... can you say... try $x^2=y$ and plot 6 random dots along those coordinates?

IhorC: Yes, the globs are randomly selected each time you play.

JeffC: but if I want the students to see $x^2=y$... I have to manually put in the dots? or will the program do it for me?

IhorC: That's why I save arrangements so that everyone participating in the contest is going after the same array.

IhorC: all you have to do is enter the equation the computer does the rest.

JeffC: ok... so if I type in $x^2=y$ the computer will automatically arrange a certain number of dots for me?

JeffC: in preparing the globs?

JeffC: I'm not thinking about the contest now... I'm thinking of how to use this in a math class to teach slope, parabolas, etc.

JeffC: so what I'm asking is in preparing the globs... does the program allow me to type in an equation and have the program randomly put up 4, or 6 or 8 globs?

IhorC: no, you start with the globs. then enter the equations. I can show you...

JeffC: so you have to manually place the globs in advance.

JeffC: I'm still not screen sharing with you.

JeffC: ok... now I am... let's continue the chat in yugma.

BJB2 heads for the Science Resources Room

BJB2 left the room.