

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

**Moderator:** Jeff Cooper

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Room: Math Resources K-20

**JeffC:** Hi Ebony, welcome to Math Resources

**EbonyL:** Hi this is my first time ever coming to this room

**EbonyL:** what do you usually discuss??

**JeffC:** basically lately I've been catering the discussion to the individual needs of whoever shows up, Ebony (and welcome Peter)

**JeffC:** so... I already know I'm going to focus on K-3 math, and then look at Peter's needs.

**JeffC:** how's the edtech MA going, Peter?

**PeterK:** Hi. No needs really. Just here as a fly on the wall.

**DeborahH** joined the room.

**JeffC** hopes he doesn't have to swat Peter.

**JeffC** waves to Deborah

**JeffC:** looks like we're going to have a group!

**DeborahH:** hi Jeff

**PeterK:** EdTec is great this semester. Simulation and games with Bernie Dodge.

**JeffC:** I'm going to announce the start of the group... you can all ignore it since you're in the right room already.

**JeffC:** @Peter... please tell him to get back here and do a WebQuest/QuestGarden session!

**PeterK:** Also taking Math Ed focusing on teaching statistics, emphasis on 7-14 grades.

**JeffC:** chi square?

**PeterK:** Will do, Jeff.

**JeffC:** Welcome to Math Resources everybody.

**JeffC:** For those who haven't done so already, please join this group.

**JeffC:** To join, click the little "i" in the green circle in the Welcome box in the top frame, then the link to "join this group."

**JeffC:** After you do that, click the Room View button to return to the Welcome screen.

**JeffC:** I facilitate this group, but I'm not a math teacher.

**JeffC:** Indeed, my 15 year old's pre-calc class means that the only support I could really give him was a fancy calculator and some websites.

**JeffC:** but what I'm going to do tonight is spend a little time with each of you individually and show you resources on how to enhance math education through tech in the classrooms.

**JeffC:** if/when you have any questions/comments along the way, please feel free to ask them.

**JeffC:** we usually start with introductions... I've looked at all your profiles and know how I'm going to proceed... but please type in a few sentences about yourselves.

**JeffC:** and... \*don't detach chat\*... because we'll be using the top frame a lot during this session. (Actions-- Detach chat allows to maximize the chat window... Actions--- Larger Text is there if you want it as well).

**JeffC:** I'm Jeff Cooper... in Forest Grove Oregon (near Portland) and on TI Helpdesk since it started a dozen years ago. I facilitate this group and hope to help everyone here.

**BJB2:** I'm also on TI Helpdesk. I'm a retired teacher located in Pennsylvania

**DeborahH:** I'm not a math teacher either, but I want our district's math teachers to become more interested in using technology in the classroom. Geometer Sketchpad especially.

**PeterK:** EdTec Masters program at San Diego State. Interested in developing tools to help learning math and statistics/probability. Mainly focused on k-12.

**JeffC:** excellent

**EbonyL:** Deborah, I'm from a small town called Luling and their isn't much technology involved either

**JeffC:** ok... I'm going to take us all on a little tour... first of the top frame

**JeffC:** has everyone joined, and is everyone looking at the Welcome page?

**JeffC:** personally, Escher is one of my favorites... has anyone ever thought of using his art to teach math?

**DeborahH:** yes

**JeffC:** if you scroll down the top frame, you'll see a number of Featured Items... links, discussions, etc.

**DeborahH:** we used tessellations

**PeterK:** I love Escher's work. very mesmerizing.

**JeffC:** it's outdated... I should update the entire page... or better yet get the math teachers in this group to take a more active part in doing that.

**JeffC:** my goal is to help everyone here today, and really get the group reactivated.

**JeffC:** there are 132 members of this group

**JeffC:** which means (after you've joined) if you post to Discussion your message will forward to all group members via email... it's a mini-listserv... one way out

**JeffC:** even if you reply to another Discussion thread... or start your own (a personal introduction, call for collaborators, lessons, etc.) would boost interest.

**JeffC:** for now though... I'd like to take you to the K to 3+ Resources room.

**SusanR** joined the room.

**JeffC:** right on cue!

**BJB2** waves hi to Sue. Good timing ;-)

**JeffC:** Susan has created the best resource room at Tapped In... and I'd like to share it with all of you, but especially Ebony.

**SusanR** waves to Jeff and company

**JeffC:** I'll go there now... and /join JeffC after I leave.

**JeffC** left the room.

**SusanR**: I see Ebony is currently a member

**DeborahH** left the room.

**SusanR** left the room.

**PeterK** left the room.

**BJB2**: type /join SusanR in this chat

**EbonyL**: so I've already joined the group?

**BJB2**: or use the drop down menu in the top right next to Go!, Ebony

**BJB2**: yes, you are a member of K-3

**EbonyL**: okay

**BJB2** . o O ( joining a group and being in a group room are not the same thing )

**EbonyL** left the room.

**BJB2** left the room.

Room: K-3Resources

**BJB2** joined the room.

**JeffC**: did we lose Ebony?

**EbonyL** joined the room.

**JeffC**: yay!

**BJB2**: good, Ebony

**JeffC**: ok... Ebony... first thing you need to do is "join this group"

**JeffC**: by clicking the "i" at the end of the Welcome box, then the link to "join this group"

**JeffC**: then Room View to return to the Welcome screen.

**SusanR**: Ebony is a member, Jeff

**JeffC:** oops!

**JeffC:** I missed that!

**JeffC:** ok then... well... Ebony... just a quick reintroduction (for all)

**JeffC:** you'll notice if you look at the Welcome screen that there are a number of folders in both Links and Discussion on Math.

**JeffC:** not to mention virtually every other subject that a K-3+ teacher could want.

**JeffC:** indeed many of the links/lessons/discussions/projects could be used with 4-6 (and beyond).

**JeffC:** so... spend some time here (not now though) and explore, post, etc.

**JeffC:** before we move on... anything from Sue?

**EbonyL:** so we can explore all the links?

**JeffC:** yes

**JeffC:** but not this hour

**EbonyL:** Wow there's a lot

**JeffC:** yup!

**SusanR:** feel free to browse anytime and do pop in

**EbonyL:** when can we explore them

**SusanR:** the door is always open

**BJB2:** Ebony, you can come to this room any time by using that drop down menu next to Go!

**BJB2** . o O ( that is one of the advantages to joining the group )

**JeffC:** you can also stay here with Sue if you want... but I'd like to show you all a K-12 classroom next.

**SusanR:** glad to be of service, Jeff

**JeffC:** great!

**EbonyL:** okay fine with me

**JeffC:** ok... I'm heading to a classroom I created four years ago when my daughter was in 2nd grade

**SusanR:** I will remain here

**JeffC:** the \*only\* way you can join me is by typing /join JeffC

**SusanR:** <http://kinderworks.blogspot.com/> for Ebony

**JeffC** left the room.

**DeborahH** left the room.

**PeterK** left the room.

**BJB2** left the room.

Room: Matzke\_Grade2

**BJB2** joined the room.

**JeffC:** good job

**JeffC:** Ebony may or may not join us

**JeffC:** but let me proceed

**JeffC:** what you see in the top frame is \*not\* what the 2nd graders would see

**JeffC:** what I'm going to do is paste in those notes for your transcripts

**JeffC:** \*\*\*Creating a K-12 Classroom\*\*\*

**JeffC:** K-12 Student Group Creation

**JeffC:** 1) Click the Tapped In tab in the top frame

**JeffC:** 2) Click the Groups subtab

**JeffC:** 3) Click the Create a new K-12 Student group link

**JeffC:** 4) Read all the terms... (recommend copy/pasting the agreement into Word for

later use)... check the box saying you agree to the terms... click Continue

**JeffC:** 5a) Name your group: (ex. Mr. Cooper's AP English) 28 characters maximum.

**JeffC:** 5b) Nickname: Give it a nickname (ex. cooper\_ap) 10 characters maximum and \*no spaces\* This will be the name of your group room. Empower your students by asking what they want the nickname to be (panthers, peacenicks, etc.)

**JeffC:** 5c) Purpose: The purpose can be what you want... teach online with your class, collaborate with other classes, etc. This shows up on your group profile page (and may be edited later).

**JeffC:** 5d) Topics: Select up to three topics that relate to the group (ex. ESL, Language Arts, Technology Education) for your group's profile.

**JeffC:** 5e) URL: You may type in your school's homepage or any appropriate link. Be aware that this will also show up in the group's profile. If you are looking to collaborate with other K-12 educators, consider giving the teacher's homepage with information that you are looking to collaborate with other teachers and students.

**JeffC:** 5f) Duration of Group: Defaults to 3 months, can be up to 12 months. The group may be renewed later by the Owner or Moderator.

**JeffC:** 5g) Grade Level: Elementary, Middle, or High School

**JeffC:** 5h) Number of Accounts: Select the number of students in your class and add 5 (just in case). If you have more than 50 students select 50 (more may be added manually later). Also consider creating more than one K-12 group.

**JeffC:** 5i) Prefix: Prefix may be no longer than 6 characters. Prefix will generate default student names (student names can be edited later) If you don't plan on changing their user names, these names will be used by the students with numbers attached. (ex. choose "coops" to autogenerate coops01St coops02St etc.). All students automatically have the St suffix added to their user names.

**JeffC:** 5j) Click Next

**JeffC:** 6a) Specify a password: Type it twice, at least 5 characters. All students will login initially with this password. Once logged in, they should immediately change it so that other students cannot use each other's accounts. (more on this in the Quicknote K-12 Group Management). Owners and Moderators may change individual passwords at any time.

**JeffC:** 6b) Join K-12 Students Box: Check the box to join the K-12 Students group. This is a support group for educators with K-12 students. In addition to posting questions regarding help for your group, you may also post requests for collaboration, lessons, etc.

This group has over 400 members at Tapped In.

**JeffC:** 6c) Click: Create Group: This will create your group. If you are unsatisfied or need to make any changes, simply click the Back button instead.

**JeffC:** 7) You may now click the link at the bottom of the page to enter your K-12 Class!

**JeffC:** K-12 Classroom Management Part 1

**JeffC:** The following tips are for those who have created a K-12 class on how to best develop and manage it.

**JeffC:** 1. Consider inviting JeffC to your class to help with setup and management. I am like the principal of the K-12 Campus and currently Moderate over 50 K-12 classes. To invite me:

**JeffC:** a) Go to your K-12 class

**JeffC:** b) Click the Settings link on the left of the top frame.

**JeffC:** c) Click Member Management

**JeffC:** d) Click Invite Users

**JeffC:** e) type: JeffC etc. and invite me.

**JeffC:** 2. Invite your Principal to join the class. Use the same route as in tip #1, but unless s/he is already a Tapped In member, on step "d" use Invite New Users and use the principal's email address to invite.

**JeffC:** 3. Edit your student names. The system defaults to giving user names generated from Tapped In, which will make it very difficult to readily identify who is saying what or posting to Discussion. To edit student names:

**JeffC:** a) Go to your K-12 class.

**JeffC:** b) Click: Settings

**JeffC:** c) Click: Member Management and scroll down

**JeffC:** d) Click the green "edit" link next to a student name.

**JeffC:** e) Change their user name to their firstnamelastinitial (no spaces between). If a user name is already taken consider adding their second last initial or the number 1.

**JeffC:** f) Type in their first name in the first name box.



**JeffC:** g) Erase the info in the email address and password box.

**JeffC:** h) Click "save changes"

**JeffC:** 4. Set Discussion to "Digest." If you use the threaded Discussion board your students will generate quite a few posts. Setting Discussion to Digest means that you will receive \*one\* email a day which will include all the posts from your class, instead of individual emails.

**JeffC:** 5. Change your own email address to a gmail, yahooemail or hotmail account. If you don't set Discussion to digest your school email will be flooded and it will be hard to manage. Furthermore remember that all your student transcripts will be sent to the same address!

**JeffC:** there ya go

**JeffC:** to see what the students would see... a little magic

**JeffC:** say the words "presto changeo" and click the Welcome link on the left of the top frame.

**JeffC:** and voila! tell me what you see

**PeterK:** flower elementary

**JeffC:** magic!

**JeffC:** do you see it too Deborah?

**DeborahH:** I see it

**JeffC:** the Portal Sites were used for peer reviews (students dictated to me, and I typed their responses in Discussion)

**JeffC:** the school is a pic of a class we collaborated and corresponded with... students wrote longhand letters and the teachers and I posted them into Discussion...

**JeffC:** now... click Welcome again

**JeffC:** I've shot the school into Deep Space!

**DeborahH:** Where is the discussion area?

**JeffC:** those are galaxies btw... not stars. Discussion is a link on the left of the top frame.

**JeffC:** the Portal Sites switched to Space Sites.

**JeffC:** my daughter's class did powerpoints on the solar system... hers is featured.

**JeffC:** I did this little magic by featuring and unfeaturing both text and image notes

**JeffC:** so... teachers may create infinite lessons, and show their students what s/he wants when they login.

**JeffC:** does this look like something either or both of you would be interested in regarding your own careers?

**PeterK:** I'm a ways off from that. I don't anticipate being a classroom teacher, but supporting ones that might like this idea.

**DeborahH:** I also support teachers, this year mainly in the high school. Last year I did something similar to this in PBwiki, but this looks a lot nicer.

**JeffC:** excellent!

**JeffC:** Saturday is when I give regular tours of the K-12 campus (discuss security, etc.)

**JeffC:** any questions/comments before we leave here?

**DeborahH:** Last year I taught classes. This year I'm supposed to be teaching teachers how to use tech. in the classroom, and it would be great if it was something easy for them to do.

**JeffC:** Deborah, have a look at the Calendar (Tapped In tab-- Calendar subtab)

**DeborahH:** OK

**JeffC:** look at this Saturday's two hour special, and pass it along to your teachers.

**DeborahH:** I'll do that.

**JeffC:** I'll add the description here for your transcript:

**JeffC:** This is a special two hour session for teachers interested in creating their own K-12 classrooms at Tapped In and having their class collaborate with others.

**JeffC:** The first part of the session will be K-12 classroom creation and tour (if any are unfamiliar with the K-12 Campus). After the class is set up, teachers will be guided through the "collaboration process" by searching for other Tapped In classes to work with, sending a collaboration invitation, and accepting a collaboration invitation.

**JeffC:** Students work better when working with other students in general. Having students work with students from another school (or another country!) may be even more inspirational and motivational for them. Come to this special session and learn how to do this! We'll start this event in the Collaboration Community room.

**JeffC:** there ya go

**DeborahH:** Thanks

**JeffC:** if you're supporting teachers... consider creating your own "Faculty Room" here in the K-12 Campus... and inviting your teachers to join.

**JeffC:** that way they can communicate with you (throughout the day as needed), etc. and I'll be here (as well as Bj, Susan, etc.) to support all of you.

**DeborahH:** great idea

**JeffC:** thanks

**JeffC:** feel free to share it... it's Creative Commons ;-)

**SusanR** joined the room.

**JeffC:** right now I'm in a battle with the local school district to give internet access for a teacher who has rescued 15 district computers but they're not up to standards (hence not online)

**JeffC:** anyway... let's head back to the main campus... have we lost Ebony for the session, Sue?

**JeffC:** I'll try and join her... please follow me.

**DeborahH** left the room (signed off).

**DeborahH** joined the room.

**JeffC:** Ebony has logged out

**SusanR:** yes, we have lost her, Jeff

**JeffC:** let me share one link before we leave this room:

**JeffC:** <http://www.dynamicgeometry.com/>

**JeffC:** that's for Deborah... and I have an idea to support geometer sketchpad

**JeffC:** using tapped in, yugma, and smartboards... arrange for collaborative work between teachers on it.

**JeffC:** hold the Ctrl key when clicking links, Deborah, or accept popups from Tapped In: <http://www.dynamicgeometry.com/>

**JeffC:** I promised Deborah to focus on Geometer Sketchpad for this session... but haven't really done much homework or wrangled a guest speaker.

**JeffC:** my suggestion is more of an ongoing form of support. we can either create a professional development group specifically on GS or start Discussions in Math Resources.

**DeborahH:** does Tapped In have a GSP group?

**JeffC:** and what I could do to support it is offer you my support in the above areas (yugma, tapped in, smartboard sharing, etc.)... but I really don't know GS personally... or resources beyond what I pull up on google.

**BJB2:** if there isn't, you can always start one, Deborah!

**JeffC:** ok... let's head back to Math Resources

**JeffC:** use the Favorite Places menu and Go!

**JeffC** left the room.

**DeborahH:** I don't know it either, but I need for my math teachers to get onboard with it

**DeborahH** left the room.

**PeterK** left the room.

**BJB2** left the room.

Room: Math\_Resources

**BJB2** joined the room.

**JeffC:** ok

**JeffC:** Deborah, what would really make sense for you is to create a professional development group (or two). One for GS, the other for the teachers you support.

**SusanR** joined the room.

**DeborahH:** ok

**JeffC:** It's much less complicated to create a PD group (and not a K-12 classroom):

**JeffC:** 1) Click the Tapped In tab in the top frame

**JeffC:** 2) Click the Groups subtab

**JeffC:** 3) Create a regular group (for professional development or university level class (not K-12)

**JeffC:** 4) Follow the prompts in creating your group.

**BJB2:** try this, Deborah: <http://tinyurl.com/yf7pcjl>

**JeffC:** for a GS PD group, I would recommend making it Public: Open so all could join, and for your own teachers make it Public: Moderated so you could control who joins.

**JeffC:** again, this can all be done later.

**DeborahH:** OK - I'll create the PD group tomorrow.

**BJB2** . o O ( also <http://www.dynamicgeometry.com/> )

**JeffC:** any questions/comments/requests at this point?

**JeffC:** excellent

**BJB2:** Deborah, have your teachers add resources

**BJB2** . o O ( to the group room for GS )

**DeborahH:** ok

**BJB2:** that helps them take ownership for the room

**JeffC:** Science Resources starts in about 15 minutes... any objections to ending this session a bit early (gotta deal with kids, etc.)

**JeffC:** of course you're all free to continue...

**JeffC:** but I'm about out of typing for now.

**DeborahH:** Thank you for a fun hour.

**PeterK**: no objections, gotta class in a few minutes

**BJB2** nods to Jeff. I'll be around if there are any questions

**JeffC**: are either of you up for Science Resources? because... the other thing would be for you to join that group.

**JeffC** recommends both of you join a few other groups around here... have a look at my profile... if you have an hour or so some time.

**DeborahH**: I think I'll create my PD group now.

**JeffC** goes afk... and thanks for coming to both of you (and Ebony)

**JeffC**: excellent

**JeffC**: Bj can help you with that as needed

**BJB2** nods

**JeffC** waves bye for now

**PeterK**: Thanks Jeff (and Bj). Hope to 'see' you all again soon.

**BJB2** waves bye to Peter

**PeterK**: bye!

**SusanR** dashes off to the K to 3 Resource room