

- 19:53:04 From Alexis Milligan to Everyone : Welcome to CNIC Idea Jam
- 20:03:07 From Sandeep Glover to Everyone : Welcome everyone! So wonderful to see you all!
- 20:03:30 From jenniferandersonnorman to Everyone : Jenn Norman: Griswold, Connecticut.
- 20:03:33 From Dean Verger to Everyone : Dean Verger - Ottawa
- 20:03:34 From Carolyn to Everyone : Carolyn Neill, Renfrew, Ontario
- 20:03:38 From Lynn Fels to Everyone : greetings from Vancouver!
- 20:03:38 From Dale Ritchie to Everyone : Dale in Moncton, NB
- 20:03:42 From Diana Chan to Everyone : Diana Chan, Vancouver, BC
- 20:03:43 From Anne Teutsch to Everyone : Anne Teutsch, Ottawa Ontario
- 20:03:46 From Judith Doan to Everyone : Judith Doan: Toronto
- 20:03:46 From Charles Scott to Everyone : Vancouver, BC
- 20:03:49 From Aynne Johnston to Everyone : Aynne Johnston, Kingston, Ontario
- 20:03:49 From Cameron Grant to Everyone : Hi everyone! Cameron here! I am in
Brampton, Ontario
- 20:03:50 From Fred Harwood to Everyone : Fred from Richmond BC, Math mentor teacher and
a retiree teaching on call
- 20:03:52 From Christine Ho Youngusband to Everyone : Christine Ho Youngusband, Sunshine
Coast, BC
- 20:03:52 From Rose to Everyone : Hello! This is Rose from Vancouver, BC Canada and I am
currently on March break!
- 20:03:53 From Angela Solar to Everyone : Angela Solar, Kingston Ontario
- 20:03:59 From Laura Teutsch (she/her) to Everyone : Hello from Kitchener Ontario
- 20:04:18 From Fiona McDonnell (she/her/hers) to Everyone : Fiona-in southern nh on the
Massachusetts border 50 miles NW boston
- 20:04:25 From Margaret Cahill to Everyone : Hi. I'm Margaret in Massachusetts
- 20:05:00 From Christine Ho Youngusband to Everyone : I am grateful to be living, learning,
and teaching remotely from the ancestral traditional lands of the shishalh Nation.
- 20:05:01 From Susan Buenos Aires to Everyone : Hi Susan from Liverpool , now based in
Buenos Aires, Argentina. Educational Dramatist, Warwick Uni.....teacher and
conference speaker and teacher trainer on a global scale
- 20:05:30 From Alan Wilkinson to Everyone : Alan Wilkinson, Faculty of Education, Queen's
University, Kingston Ontario.
- 20:05:34 From Michael to Everyone : Hi All:
- 20:06:17 From Michael to Everyone : I am Michael Wilson from Ottawa Canada. Welcome all!
- 20:10:42 From Fred Harwood to Everyone : Gentle rain of the West Coast now she is at SFU and
many of us are in holiday moods.
- 20:11:57 From Susan Buenos Aires to Everyone : Wonderful to meet you all!
- 20:12:44 From Gillian Judson to Everyone : Beautiful :)
- 20:12:44 From Natasha Baines to Everyone : That was beautiful
- 20:12:57 From jenniferandersonnorman to Everyone : Thank you for that gift
- 20:13:07 From Susan Buenos Aires to Everyone : So melodic!
- 20:15:41 From Alexis Milligan to Everyone : yes!

- 20:16:14 From Rose to Everyone : Improvisation is the courage to move from one note to the next. - Bobby McFerrin
- 20:16:44 From Fred Harwood to Everyone : Improv (play) is a mindset! I struggle to free students to play and improvise in my mathematics classes because they've be trained to follow rules (like Royal Conservatory?) Freedom = Joy
- 20:17:01 From Peter Gamwell to Everyone : Beautiful Ming-Yu
- 20:17:03 From Judith Doan to Everyone : Authentic listening is key in so many of the art forms -- and in life!
- 20:17:03 From Alexis Milligan to Everyone : why did I forget how to listen?
- 20:17:31 From Rose to Everyone : Improvisation is the ability to talk to oneself. -Cecil Taylor
- 20:17:40 From jenniferandersonnorman to Everyone : <https://youtu.be/09BkUQFWQgs>
- 20:18:27 From Peter Gamwell to Everyone : Beautiful. I love your reflections Ming-Yu - so personal - following the rules...
- 20:18:38 From Fred Harwood to Everyone : Hmmm, is there a parallel here to growth mindset?
- 20:19:07 From Rose to Everyone : More of me comes out when I improvise. -Edward Hopper
- 20:20:11 From Susan Buenos Aires to Everyone : Fred.....Yes indeed!!!
- 20:20:34 From Sandeep Glover to Everyone : How can we teach students to understand that knowledge is not just something 'out there' but exists within and can be accessed from within through listening to our interiority. Inquiry = the reciprocation between in (internal) and out (external) queries
- 20:20:44 From Rose to Everyone : Love this: "...start a new melody"
- 20:21:59 From Fred Harwood to Everyone : Isn't most play, the connection of things within a self-created structure? I struggle with Lego kits versus bins of Legos to play with.
- 20:22:02 From Diana Chan to Everyone : @Sandeep - yes! Highlighting how everyone brings knowledge through experience - even though it might be "tacit knowledge" that they don't yet know how to put in words.
- 20:22:55 From Sandeep Glover to Everyone : Diana! Yes! And the unknown is fertile territory as well.
- 20:24:09 From Diana Chan to Everyone : Sometimes I worry about an education system that often works in a paradigm where teachers are guiding students to get the "right answer" - what are we teaching students when we say there is only "one right answer" to questions? and the "right answer" exists outside and their work is to figure out this answer?
- 20:24:10 From psyme to Everyone : In play, structures too are fluid
- 20:24:12 From Natasha Baines to Everyone : I think you should offer both Lego kits and bins. I have 2 boys, 1 is a kit kind of kid and the other is a bin kind of kid
- 20:24:19 From Fred Harwood to Everyone : And the most vital, fertile zones are ecotones where different biomes come into contact! What does this analogy do when we bring music with nature, art with math, . . .
- 20:25:02 From Diana Chan to Everyone : As a high school music teacher trying to teach improv (in jazz), I often get students who struggle to start improvising because they are paralyzed by the notion that they might "mess up"
- 20:26:00 From Alexis Milligan to Everyone : when I try to plan it doesn't work

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- 20:26:23 From Alexis Milligan to Everyone : Carolyn next
- 20:26:32 From Charles Scott to Everyone : “When I try to plan, it doesn’t work.” Sounds like you would be perfect for jazz!
- 20:26:51 From Dean Verger to Everyone : I teach the Psychology of Creativity at Carleton University. One of the researchers I admire, and one that might be known to some, is R. Keith Sawyer. I use one of his papers in my course. Ming-Yu, that was beautiful.
- 20:27:01 From Fred Harwood to Everyone : Diana, that is found too in the power of temporary vertical surfaces in my math classes. Erasable surfaces allow students the freedom to risk and not fear their mistakes being recorded for all time.
- 20:28:07 From Peter Gamwell to Everyone : Brilliant Carolyn. This is precisely how you move and teach!!
- 20:28:28 From Charles Scott to Everyone : Listening to the students! Right on! Ted Aoki’s ‘lived curriculum’!
- 20:28:39 From Rose to Everyone : “To succeed, planning alone is insufficient. One must improvise as well.” — Isaac Asimov
- 20:30:07 From Laura Teutsch (she/her) to Everyone : Juliette Alvin, a pioneer of music therapy in the UK, founded a model of music therapy called "Free Improvisation Therapy" in which the client and therapist build a therapeutic relationship through free, unrestrained, unstructured improvisation.
- 20:30:43 From Peter Gamwell to Everyone : Amazing Laura!! Yes - what a beautiful means of communication
- 20:31:18 From Rose to Everyone : “I get up every morning determined to both change the world and have one hell of a good time. Sometimes this makes planning my day difficult.” — E.B. White
- 20:31:47 From Dean Verger to Everyone : Playing the notes is not playing the music
- 20:32:33 From Dean Verger to Everyone : Or better phrasing ... playing the music is more than playing the notes
- 20:32:51 From Charles Scott to Everyone : FWIW, when I was listening to Ming-Yu play, it felt so fitting for a rainy, cloudy day. It was like an Indian raga attuned to the season and time of day.
- 20:33:15 From Sandeep Glover to Everyone : Fiona...love this. "All authentic learning,...improv is a leap of faith."
- 20:34:54 From jenniferandersonnorman to Everyone : Improvisation is the human space in learning- where we connect, where we join together, where we find one another-fall apart-and come back to center
- 20:35:03 From Claudia Saldaña to Everyone : Listening Ming-Yu Lin inspired my thoughts of improvisation=Living the present
- 20:36:05 From Diana Chan to Everyone : Yes Claudia! I was also making connections to being present and mindful... truly listening knowing that the improv comes from inspiration in that fleeting moment in time and will only exist that way in that moment
- 20:36:47 From Peter Gamwell to Everyone : Susan! From Liverpool. Who do you support?????

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- 20:37:01 From Claudia Saldaña to Everyone : Beautiful Diana,
- 20:37:12 From Fred Harwood to Everyone : "Warning: the walls of this classroom may disappear!"
- 20:37:36 From Charles Scott to Everyone : Oh, my goodness, the Incredible String Band! They were amazing!
- 20:37:45 From Judith Doan to Everyone : "Yes. and..." -- a very basic improv game in drama classes. It encourages listening to one another. One needs to be in the moment.
- 20:38:24 From jenniferandersonnorman to Everyone : In a world where we are hearing "NO" so much, improve may need to become the place of "Yes" for our kids to help them heal
- 20:38:51 From Alexis Milligan to Everyone : YES!
- 20:38:57 From Sandeep Glover to Everyone : Jennifer, I appreciate that you mentioned healing.
- 20:39:19 From Fred Harwood to Everyone : Yes, Judith. I talk about "I don't get it" in math is like a blocking move in improv! Where can you go next from it? Instead, what do I get and what do I need to find next? Same thinking as improv
- 20:39:30 From Sandeep Glover to Everyone : "Why do we only keep it in Kindergarten?" Yes!
- 20:39:39 From Laura Teutsch (she/her) to Everyone : As a music therapist myself, it is always a goal for me to ensure that clients never feel they must play an instrument the "right" way. I love what Ming-Yu said about all adults once being children, but most of them don't remember it. Children will leap at the opportunity to play all the instruments I bring to sessions, even instruments they have never seen before, while adults often feel intimidated, apologize for having no experience, and take time to become comfortable PLAYING with the instruments
- 20:40:33 From Diana Chan to Everyone : Yes, Jennifer. Also a world where we see a right/wrong dichotomy, improv creates a space free from this right/wrong mentality, just feelings and expressions that one can evoke
- 20:41:56 From jenniferandersonnorman to Everyone : Part of improve is creating a safe place to investigate our limits and be our authentic selves without fear of ridicule
- 20:41:59 From Alexis Milligan to Everyone : Making space
- 20:42:59 From Michael to Everyone : A piano began to cast a spell all over our 'room' here this evening. It ignited a profound aesthetic experience for us all that continues its spell of beauty through all we have been feeling and saying so far this evening. We are all in a collective moment of beauty. Michael Wilson to everyone
- 20:43:37 From Judith Doan to Everyone : Jennifer is absolutely right. Trust amongst students and teacher/facilitator is key.
- 20:43:40 From jenniferandersonnorman to Everyone : Could you please play some more?
- 20:43:59 From Laura Teutsch (she/her) to Everyone : I love that Cameron, it's about listening and understanding what is needed in the moment. That's how you build relationships
- 20:44:55 From Fred Harwood to Everyone : And each person in Michael's vision bring their life experiences into the hearing and the music speaks to us all differently. When we share how we were affected, it is like chords being formed to make us all more in-formed.

- 20:45:34 From Sandeep Glover to Everyone : Cameron, I wish I was in your class...your students are so fortunate. Love how you embrace the messiness of the process. The mess is beautiful.
- 20:45:49 From Diana Chan to Everyone : If anyone is interested in exploring the neuroscience side of improv, Charles Limb (UCSF I think?) has done quite a bit of research in the area.
- 20:46:15 From Fred Harwood to Everyone : Dale, don't me feel guilt for taking 4 feet of length off one daughter's room when she moved out so the drum kit wouldn't have room should she have needed to return.
- 20:46:48 From Diana Chan to Everyone : I think one of the things he's found is that when musicians are improvising, part of their prefrontal cortex is temporarily deactivated... suspending judgement so one can truly be in the moment
- 20:47:19 From Margaret Cahill to Everyone : Michael, I love that you say the piano cast a spell, igniting an experience, a collective moment. Like sitting in front of a painting- slow art conversations with adults with memory loss- the painting begins to speak to us, ignites a conversation- we follow the flow as it unfolds!
- 20:48:16 From Fiona McDonnell (she/her/hers) to Everyone : I think that if I were to begin to make / write music that conveys a feeling... I might invent musical symbols for myself.. spaces would show the relationships...
- 20:48:28 From Sandeep Glover to Everyone : Diana, I find my own inner critic gets loud at times and realize that this is common. My professor, Celeste Snowber, recommended that we write letters to our inner critic in order to develop a sense of self-trust. This letter allowed for a powerful shift.
- 20:48:55 From Diana Chan to Everyone : I love this! Thanks for sharing :)
- 20:49:12 From Sandeep Glover to Everyone : You are welcome. Diana, so happy you could join us.
- 20:51:36 From Susan Buenos Aires to Everyone : I agree with this, particularly as I have been teaching in Special education for 10 years
- 20:51:40 From Lynn Fels to Everyone : all who we are is invisible
- 20:52:02 From jenniferandersonnorman to Everyone : Resonance energy is so powerful.
- 20:52:36 From Laura Teutsch (she/her) to Everyone : A fabulous book on this topic - Free Play: Improvisation in Life and Art by Stephen Nachmanovitch
- 20:52:39 From Alexis Milligan to Everyone : This is my life Sandeep.
- 20:52:53 From Fred Harwood to Everyone : No wonder you're studying with Celeste!
- 20:53:29 From Susan Buenos Aires to Everyone : We always had the motto; We are into making visible the invisible and giving voice to the voiceless.
- 20:53:58 From jenniferandersonnorman to Everyone : When I was a first year teachers, I would often play soft music during journal writing. I noticed that whenever I played Rhapsody in Blue by Gershwin, my honors kids would be in a bad mood for the entire period. I stopped playing.
- 20:54:33 From Diana Chan to Everyone : I love Rhapsody in Blue!!
- 20:54:42 From Diana Chan to Everyone : The bad mood connection is interesting
- 20:54:56 From Diana Chan to Everyone : I wonder why!

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- 20:54:56 From jenniferandersonnorman to Everyone : Me too. I never understood it. It just wasn't their frequency.
- 20:54:58 From Fred Harwood to Everyone : Ming-yu, "I practice everyday". Does this equate to us assigning 'homework'? Do we need to change the words 'to practice'? And why do doctors have a practice? My teaching practice?
- 20:55:36 From Rose to Everyone : "if you think it is mistakes, they are" - Ming's son!
- 20:56:07 From Susan Buenos Aires to Everyone : Fred...I was just talking to a Neuroscience expert and friend of mine about looking into this combination
- 20:56:18 From Ming-Yu Lin to Everyone : actually I really enjoy practicing ^^
- 20:56:27 From Margaret Cahill to Everyone : Ming-Yu your piano playing moved my heart and your ideas inspired me. thank you
- 20:56:33 From Alexis Milligan to Everyone : Fred - this shift of word association is key
- 20:57:30 From Lynn Fels to Everyone : Celeste Snowber "the body knows"...poet Antonia Machado...wanderer there is no path, you lay down a path in walking..."
- 20:57:58 From Fred Harwood to Everyone : I have created inquiries that I call études in math so that the 'practice' is hidden within the playfulness of the inquiries. Math drills have killed math for many so I seek playfulness and discovery while still learning the basic forms and connections.
- 20:58:17 From Susan Buenos Aires to Everyone : Sir Ken said just that.....we need to work on the interior rather than the exterior which is what Education does.....
- 20:58:38 From Sandeep Glover to Everyone : And Lynn Fel's articulation of "stop moments" that tug at our sleeves during the process of improv
- 20:58:44 From Dale Ritchie to Everyone : I'd recommend an electric violin with headphones for anyone who wants to play in their own way without anyone hearing you that may stifle your creativity
- 20:59:30 From Sandeep Glover to Everyone : Maxime Greene- the great noticing
- 20:59:32 From Susan Buenos Aires to Everyone : To SandeepYes ! The STOP! So intriguing
- 21:00:35 From Sandeep Glover to Everyone : Thank you, Susan. Yes, Lynn Fels' work on the 'stop' has allowed me to embrace uncertainty with a sense of agency
- 21:00:48 From Charles Scott to Everyone : Jacob Collier is such a great example of playfulness with music.
- 21:00:53 From Fred Harwood to Everyone : And all educators need to spend time exploring education/learning with art/music/drama et all based-educators!
- 21:00:54 From Diana Chan to Everyone : Embracing uncertainty with a sense of agency - how powerful
- 21:01:16 From jenniferandersonnorman to Everyone : Thank you for the opportunity to put down the cognitive load and connect to something beautiful
- 21:02:20 From Sandeep Glover to Everyone : Great question....we need another IdeaJam for this!
- 21:02:34 From Lynn Fels to Everyone : I love Mingyu's words "encountering moments"...I had an encountering moment when in listening to Mingyu I heard the rain here in Vancouver outside my window join in the music and zoom disappeared as rain and piano encountered each other

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- 21:02:50 From Susan Buenos Aires to Everyone : It's more difficult in my context to get the Authorities to take it seriously....they see ot as a waste of time
- 21:03:02 From psyme to Everyone : Strip the play from children we destine adults to resist improvised environments, research, and ideation
- 21:03:40 From jenniferandersonnorman to Everyone : It is returning the human to the system
- 21:03:44 From Lynn Fels to Everyone : Vulnerability see Amy Thomasson's MA thesis SFU ... she writes about vulnerability as reciprocal, within a shared space of vulnerability creativity may arrive....
- 21:05:28 From Diana Chan to Everyone : So important to embrace our inner child. To not see play as an antonym to work. Thank you Ming Yu for the beautiful music and everyone for your wise words & thoughts :)
- 21:05:32 From Rose to Everyone : Ming-Yu: grateful for this time with you today!
- 21:05:33 From jenniferandersonnorman to Everyone : We need a doctrine to nail to the classroom door
- 21:05:33 From Phil Jarvis to Everyone : More play, more fun, at all levels. Too much fear of mistakes
- 21:05:43 From Susan Buenos Aires to Everyone : Lovely!!
- 21:05:48 From Aynne Johnston to Everyone : Thanks all!
- 21:05:52 From Claudia Saldaña to Everyone : Thank you! All.
- 21:05:55 From Susan Buenos Aires to Everyone : Thank you for including me!!!!
- 21:06:00 From psyme to Everyone : thankyou for this