ScIC 6

SCIENCE IS COOL

CHAT TRANSCRIPT
21st Century Skills
Todd Conley, Victoria Garner, Diane Hickey, John Harris
August 5th, 2021

06:10:52   Scott Kiessig - ScIC | PocketLab: Learn all about this session's panelists and find all the links being mentioned here
https://www.thepocketlab.com/scic6-summit-21st-century-skills
06:11:27   Yeana Kelly-Simmons: My son enjoys Rocket League as well :)
06:11:30   Scott Kiessig - ScIC | PocketLab: Drop your questions in the chat for the q&a section coming up! Make sure to tell us what school you are from and where in the world you are.
06:11:45   Scott Kiessig - ScIC | PocketLab: Lol
06:12:32   Michael Bilica: Absolutely, the jobs we are training kids for often don't exist yet
06:12:40   Imani Malaika-Mehta: #OCEAN
06:12:46   Dr. Elizabeth Newbury- The Wilson Center (she/her): For STEM "esports", a starting point might be Minecraft Education Edition:
https://education.minecraft.net/en-us/homepage
Erik can tell you more, I'm sure!
06:12:57   Mariam Nouri: I have a big question: I keep hearing that after last year's virtual learning students are tired of their laptops and technology and they are ready to go back to paper and pencil. What do you think? Should we go back to paper and pencil or use digital platforms? What do you think?
06:13:03   Ash Bystrom: Can someone list those qualities here under the LLL?
06:13:06   Valorie Vance-Kraus: Todd, Can we get all of those Skills/ definitions when the resource packets come out?

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06:13:31   Marco Pedulli: Great program and awesome presenters but ONE thing which is very notable is lack of diversity among panelists. Hopefully someone is paying attention.
06:13:39   NAILA SUSANA GARZA ARCAUTE: And all the skill under each L :P please
06:14:27   Devalyn Rogers: @Garner: Thank you!
06:15:10   Scott Kiessig - ScIC | PocketLab: Literacy, Language, and Learning
06:15:18   Scott Kiessig - ScIC | PocketLab: Or Live laugh love 🤣
06:15:19   Todd Conley- HighSchool.GG: The twelve 21st Century skills are:

Critical thinking
Creativity
Collaboration
Communication
Information literacy
Media literacy
Technology literacy
Flexibility
Leadership
Initiative
Productivity
Social skills
06:15:32   Sonya Tancock: Searching 21st century skills brings up a good graphic that shows all of the mentioned skills, also
06:15:40   Dr. Elizabeth Newbury- The Wilson Center (she/her): For further game recommendations and research, don't hesitate to ping me on Twitter @enewb :) Don't want to detract from this amazing panel
06:15:41   Michael Bilica: Tech has a major diversity problem
06:15:43   Todd Conley- HighSchool.GG: https://www.aeseducation.com/hs-fs/hubfs/Images/infographics/21st-century-skills-infographic.png?width=671&name=21st-century-skills-infographic.png
06:16:01   Brandy Hepler: YES! Thank you!
06:16:11   NAILA SUSANA GARZA ARCAUTE: :D GREAT! TNXS
06:16:14   Yeana Kelly-Simmons: Learning Skills; Literacy Skills & Life Skills
06:16:26   Perla Serrato: One thing that I noticed right away when students changed to digital learning is kids need keyboarding skills. Many did not have the ability to type out the answers. This "basic skill" is overlooked especially in underserved community.
06:17:25   Slavica Bernatović: Thanks a lot!

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06:17:34   Scott Kiessig - ScIC | PocketLab: Drop your questions in the chat for the q&a section coming up! Make sure to tell us what school you are from and where in the world you are.

06:17:48   Devalyn Rogers: Are writing skills still necessary? I am finding during COVID students were "writing" as if they were texting.

06:17:50   Michael Bilica: There are games that utilize the keyboard. League of Legends is a good example. But, keyboarding is a skill that is just as important as typing on tablets and mobile devices now. I'm not sure how to prepare them other than meet them on the devices where they are and working with them on speed a fluency there.

06:18:25   Mary Kollman: We had that keyboarding skills challenge too. My students were amazed to see me typing on my keyboard without looking at the keys.

06:18:26   zainoenisa allie: Any research on assessments of 21st century education? Lovely that we want to teach these skills & competencies, but assessment is also an important part of T&L

06:18:34   Melissa Molema: Life Skills are a way to discuss topics that are not always discussed at home.

06:19:08   NAILA SUSANA GARZA ARCAUTE: What I feel is lacking (from this and last panel), how to apply it to classes, the idea and concepts are great, but, I feel that as soon as this is over, I will be lost (talking about how to actually apply it!!!)

06:19:54   Dave Bakker - ScIC | PocketLab: @Naila - great question - that will be one of my first questions for the panel :)

06:20:03   NAILA SUSANA GARZA ARCAUTE: :S

06:20:08   Michael Bilica: @Naila Start with game time set aside from your actual lessons.

06:20:28   Scott Kiessig - ScIC | PocketLab: Naila- I would suggest reaching out to Todd... his program will help you do that email at todd@highschool.gg

06:20:44   Linda Waldman: @naila I agree. I'd love to see application conference/presentation and how things are handled paperwork wise. Lesson Plans and rubrics etc. These seem like a lot of work upfront.

06:20:44   NAILA SUSANA GARZA ARCAUTE: Even if I am in Mexico?

06:20:45   Denise Zut: Naila, I hear what you are saying. Maybe small steps as educators. Ironically, I had registered for Minecraft education webinar also today (I didn't realize how long this would go).

06:21:35   Slavica Bernatović: For me, in Croatia, it's almost midnight.

06:21:42   Devalyn Rogers: @Harris: Where are you located?

06:22:01   Scott Kiessig - ScIC | PocketLab: Devalyn- Downey Unified

06:22:26   Devalyn Rogers: What state is that located?

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06:22:35   Melissa Molema: covid in poor schools unfortunately is not a reality at the moment with regards to computer schools so no keyboards

06:22:36   Scott Kiessig - ScIC | PocketLab: California

06:22:38   Marco Pedulli: Interviewers should also consider lived experience and diversity and NOT just content.

06:22:47   Devalyn Rogers: Thank you

06:22:48   Katrina Minck- Science Teacher Extraordinaire Fremont Unified School District: @Naila - applying the games can be as easy as playing them yourself, seeing how you can incorporate them into your teaching, then adding one or two gaming components to your lesson. Maybe start with assessment game like Quizlet, Quizizz, Gimkit or Kahoot. Then, try adding it on the front end of lessons in the Engage - exploring AR, Minecraft, Time to Climb in Nearpod, etc.

06:23:02   Dave Bakker - ScIC | PocketLab: @Naila, last week we held a RocketLeague esports tournament at our Science is Cool event - and the winning team was from..... Monterrey, Mexico!!!

06:23:06   Alicia Barajas: @ Scott... Hello Neighbor

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00:25:55   Melissa Molema: writing skills

00:26:04   Michael Bilica: Quizlet ties in Gimkit as well, it integrates into classrooms easily

00:26:15   NAILA SUSANA GARZA ARCAUTE: @Dave, great!!! MTY!!!

00:26:18   Imani Malaika-Mehta: Will students have Apple products in the classrooms and will this be the same hardware and hot keys they will find in the workplace? Grammerly is no substitute for knowing correct grammar.

00:26:36   Scott Kiessig - ScIC | PocketLab: Drop your questions in the chat for the q&a section coming up! Make sure to tell us what school you are from and where in the world you are.

00:27:11   Imani Malaika-Mehta: Is knowing how to learn the same as knowing how to think? I do not think so.

00:27:47   Davy Van den bergh: I personally think that grammar should not be an issue for a tech job. If you drop a candidate for typo you can be sure you have lost a lot of talent.

00:29:06   Scott Kiessig - ScIC | PocketLab: Drop your questions in the chat for the q&a section coming up! Make sure to tell us what school you are from and where in the world you are.

00:29:07   Michael Bilica: Grammar is an equity issue as well. When I taught in the inner city, grammar was by the wayside in middle school. So, in high school we were dealing with low grammar skills, but not low academic ability

00:29:38   Michael Bilica: Maybe this is part of the reason why tech is so White

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00:30:27   Imani Malaika-Mehta: I have worked in the tech industry for 15+ years. I a technical person cannot write and communicate to corporate C-level managers, they likely will not get promoted.

00:30:30   Marco Pedulli: @Michael, you have a great point there!

00:30:35   Devalyn Rogers: @@Hickey: Indeed! I have many Gifted and Talented students who want to get the "A" opposed to "Learn" the content and skills and eventually get the grade! Parents so often are more concerned with the Grade and not necessarily the process and passing that thought to the child

00:30:49   Princess Puli: Same here! That's an everyday Math question

00:30:58   Rayan Khan: how do you consider teaching new languages to students , we are more focused on technology and digital literacy

00:31:02   zainoenisa allie: Grammar is part of language. I feel that the subject language is much more important for 21st century education than basic grammar

00:31:05   Davy Van den bergh: Yes John!

00:31:10   Slavica Bernatović: Formula in mathematics, used to solve problems and find solutions by applying constructive steps.

00:31:17   Michelle Steinberg: I work with a SC urban school district that have inadequate grammar skills, however some of them know what they are talking about, even if they cannot express it in proper grammar form. I have to think about this when grading. (I work virtually with these students).

00:32:13   Imani Malaika-Mehta: If a technical person cannot write and communicate to corporate C-level managers, they likely will not get promoted.

00:32:27   Michael Bilica: @Michelle especially because grammar is specific to certain communities. They way people speak in some communities is different than in others, but we only normalize one form

00:32:39   NAILA SUSANA GARZA ARCAUTE: I try to emphasize every class that what we are learning they will use it later on the year and in the next Schoo. Years, they are young and sometimes don't find meaning on the abstract concept, but I try to make them realize that everything is a tool for later on in school and life, even if they don't take a STEM carrer

00:32:45   Michael Bilica: Its all about code switching

00:32:45   KT Moran: My institution (2YC) has had good success with submersible ROB=Vs with VR headsets. open resource design, build, program, use, collect data. every phase!

00:32:51   Slavica Bernatović: What is it that children want, given the curriculum you mention?

00:33:06   Linda Waldman: Victoria's answer is the reason I worry about English teachers that are focusing their equity efforts in allowing students "to write in their

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words/language" They aren't focusing on keeping up standard grammar and spelling.

00:33:34   Michelle Steinberg: @Michael, you are correct. I live in Michigan and our "dialect" (for the lack of a better term) is different than how I speak

00:33:36   Michael Bilica: Discord is my go-to communication method for my students in Esports. Its great

00:33:44   Ash Bystrom: @KT what is ROB?

00:34:04   NAILA SUSANA GARZA ARCAUTE: @Linda 100%, if we let the students write as they want (and not have a cost on their grade) they will take the importance of grammar and spelling

00:34:17   Rayan Khan: do we have ScIC6 Discord channel ?

00:34:34   Michael Bilica: Ooh good idea @Rayan!

00:34:44   Michael Bilica: Who wants to moderate it?

00:34:52   Todd Conley- HighSchool.GG: Sign me up Michael!

00:35:02   KT Moran: We make sure to clarify - there are over 300 recognized dialects in the US alone. All of thse are valid. BUT - for business and science we communicate in Standard English. This becomes the norm for all submittals in our college courses. Grammar, etc, matters very much

00:35:04   Scott Kiessig - ScIC | PocketLab: Rayan- no... we do have a Facebook group. But we are in talk about starting a community platform somewhere other than Facebook. Discord is being considered.

00:35:07   Rayan Khan: moderator from ScIC6 Team

00:35:11   Michael Bilica: shall I make a server?

00:35:23   Rayan Khan: yes Michael

00:35:42   Edgar Garrido: @Scott Kiessig Kindly give me again the link involving pocketlab, thank you

00:35:49   Rayan Khan: lets build this beautiful community :)

00:35:52   rhonda heatherly: Diane's website??

00:35:53   Michael Bilica: Well. I want it to be official, SciC should be in on it

00:35:57   Scott Kiessig - ScIC | PocketLab: Edgar- Which link are you looking for?

00:36:15   Marco Pedulli: Great "side" discussions in the chat! Awesome!

00:36:19   Lisa Slack: So you tackle the grammar comment but leave out the inequality issues brought up along that? Interesting.

00:36:23   Yeana Kelly-Simmons: This chat is "LIT" though :) I've learned a lot. Thanks for the suggestions everyone (T&T)

00:36:25   Rayan Khan: Michael yes lets drop a message to moderator

00:36:27   rhonda heatherly: Her resources for ar/vr!

00:36:50   Dr. Elizabeth Newbury- The Wilson Center (she/her): The Federal Games Guild curates a list of federal funding opportunities for game-based approaches at

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the top of this page: https://www.wilsoncenter.org/federal-games-guild (I need to update!)

00:36:55   Clifton Roozeboom - ScIC | PocketLab: You can read about the NSF funding areas that Diane Hickey runs here: https://seedfund.nsf.gov/contact/bios/

00:36:59   Victoria Garner- Disney: Happy to talk about how we are addressing the equity issues that exist in tech!

00:37:12   NAILA SUSANA GARZA ARCAUTE: @Diane, the name or link to the chemistry game??????

00:37:29   Michael Bilica: I made a battleship periodic table game

00:37:34   Devalyn Rogers: Communication: There are different "speak" depending on the environment, yet students should know how to use the "general academic and/or professional speak" for CCR 21st century skills. @Garners statement supported this thought

00:37:34   Marco Pedulli: Thank you, Victoria for addressing this!

00:37:37   Scott Kiessig - ScIC | PocketLab: Rayan and Michael, please email us at contact@thepocketlab.com

00:37:37   Michael Bilica: on Google slides

00:37:38   Edgar Garrido: @scott the one with the map

00:37:40   zainoenisa allie: And here I was thinking that EDUCATION encompasses LEARNING🤔

00:37:52   Linda Waldman: Sounds cool. Would this work for virtual classrooms?

00:37:54   Scott Kiessig - ScIC | PocketLab: Follow along and drop a pin on your location by accessing the lesson with the map here https://app.thepocketlab.com/lab-report/y0kPFS4p0001yLem?ro=1&ref=%2Fhome

00:38:01   zainoenisa allie: Why would we want to separate EDUCATION & LEARNING?

00:38:07   Lisa Slack: Please do. Cause avoiding the issue is not helpful and shows privilege. Thanks Victoria

00:38:08   Dr. Elizabeth Newbury- The Wilson Center (she/her): Here's the link to Tablecraft: https://playtablecraft.com/tablecraft-awarded-225k-by-the-national-science-foundation

00:38:37   Princess Puli: Wow great! Thanks for the resource

00:38:39   Clifton Roozeboom - ScIC | PocketLab: NSF SBIR Program: https://seedfund.nsf.gov/

00:38:46   Scott Kiessig - ScIC | PocketLab: https://seedfund.nsf.gov/

00:39:00   Jill Stenberg: Big Timber Grade School   Big Timber, MT

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00:39:09   Mitchell Foisy: does anyone have a copy/access to that periodic table battleship game?

00:39:22   Linda Dixon: Thank you Scott.

00:40:03   Vanessa Kelly:
https://teachbesideme.com/periodic-table-battleship/

00:40:30   Noreena Falta: Agreed, Periodic battleship sounds wicked!

00:40:41   Mitchell Foisy: thanks!

00:40:50   NAILA SUSANA GARZA ARCAUTE: The link doesn't work, it is just me?

00:40:52   Michelle Steinberg: Thank you

00:41:09   Scott Kiessig - ScIC | PocketLab:
https://thewaltdisneycompany.com/diversity-inclusion/

00:41:15   Denise Zut: I am able to access by link..

00:41:29   Linda Waldman: HA! Yes I'm at a 2YC and admin can't figure out why instructors don't come to meetings midday. Chem classes are 4.5 hours long...we teach, can't leave l;ab for a meeting.

00:41:34   Ngozi Oguguah: Can someone please help me drop a pin on the map? I am joining in from Lagos, Nigeria. Thank you.

00:41:41   Diane Hickey- National Science Foundation: Learning and Cognition Technologies - https://seedfund.nsf.gov/awardees/phase-1/ - companies that are funded to bring innovations to market.

00:41:56   KT Moran: Our 2YC institution in FL is currently working on incorporating VR projects for our LSAMP Grant Scholars! :)

00:42:01   Scott Kiessig - ScIC | PocketLab: Ngozi- drop a pin on your location by accessing the lesson with the map here
https://app.thepocketlab.com/lab-report/y0kPFS4p0001yLem?ro=1&ref=%2Fhome

00:42:28   Diane Hickey- National Science Foundation: Learning and Cognition Technologies at NSF/SBIR https://seedfund.nsf.gov/awardees/phase-2/

00:42:35   Slavica Bernatović: For example, it's a great thing if kids learn about the periodic table through play.
Ultimately, they realize the features of the periodic table.

00:43:09   Marco Pedulli: Awesome!

00:43:24   Lisa Slack: Thank you Victoria for addressing my concern with equity issues comments being brushed aside. If we don't have these uncomfortable conversations nothing will change. Appreciate it.

00:43:28   Noreena Falta: yes plz!

00:43:38   Linda Waldman: pin map is closed? it says view only.

00:43:42	Michael Bilica:	my battleship game https://docs.google.com/presentation/d/17VHM8lc3eczyLQcZR0eAwTHNDhUG6nCFh59UqtY-x2o/edit?usp=sharing
00:43:44	ALEXIS LEWIS:	TY @ the entire panel
00:44:08	Diane Hickey- National Science Foundation: https://playtablecraft.com/ Feeling sciency?
Good! Throw away those safety goggles, you can always craft yourself a new pair of eyeballs if things suddenly get too hot for the old ones. Word of your inventions is quickly spreading throughout the galaxy. Who would've thought that this lab right here would become such a glamorous hotspot for interplanetary tourism?
00:44:10	rhonda heatherly:	@Michael Thank you!
00:44:12	Scott Kiessig - ScIC | PocketLab: Linda- you have to add the lesson to your account and the click the contribute button
00:44:21	Michael Bilica:	@Linda you can import it into your Pocket Lab once you view the link inside your own pocketlab account
00:44:33	Michelle Steinberg: @Michael thank you
00:44:44	KT Moran:	My biggest personal challenge. I cannot possibly pursue a separate program for each challenge (equity, technology, etc.). I am currently working to maximize 'cross-participation'. :)
00:44:47	Noreena Falta:	Linda you have to sign up first, then youll be able to
00:44:54	Diane Hickey- National Science Foundation: https://www.prismsvr.com/ Learn math through movement, experience, and meaningful discovery.
00:45:05	Linda Waldman:	@Scott @Michelle thanks.
00:45:21	Michael Bilica:	I run my battleship game in PearDeck
00:45:35	Ngozi Oguguah:	@Scott- I could not.
00:45:53	Michael Bilica:	@Ngozi are you able to set up an account
00:46:12	Todd Conley- HighSchool.GG:	Downey Unified Esports Programs - https://www.youtube.com/watch?v=O0f3H48oGqE - https://www.youtube.com/watch?v=Wj7ND2m_AfE
00:46:18	NAILA SUSANA GARZA ARCAUTE:	@Michael Bilica, did you build it?
00:46:25	Katrina Minck- Science Teacher Extraordinaire Fremont Unified School District:	@Michael - thanks for the peardeck slides!
00:46:30	Scott Kiessig - ScIC | PocketLab: Ngozi- on the lesson are step by step instructions to contribute your pin. Please email us at support@thepocketlab.com if you run into trouble.
00:46:32	KT Moran:	I have a hard time with this. I was a consultant for over a decade before being in education. If I received a resume with typos, it went in the

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trash. NO matter the source - a professional MUST be able to put together a polished deliverable. This is why standard English must be insisted upon in college classes. IMO

00:46:34	Valorie Vance-Kraus:	I love your comment: "Slow Down to Speed Up" There are times that we want to put our first foot forward, and teaching them when it makes sense to use 'text talk' and when they should use their professional voice in communication should be a priority to help each of our students do their best...

00:47:16	Tyler Letendre:	Thank you all!!

00:47:35	Michelle Steinberg: Thank you all, this was great!

00:47:49	Linda Dixon: @Valorie: Following your response.

00:47:54	Linda Waldman:	Yes, and please emphasize professional email addresses in communications.

00:47:57	Darla Tillman:	I finally realized who John looks like - Ditka!

00:47:58	Davy Van den bergh:	@KT As a university coordinator and former STEM coordinator, I can tell you, you have lost a lot of talent in your NO bin

00:48:12	Scott Kiessig - ScIC | PocketLab: Stay tuned- we are having panelists from all throughout the day pop back on after this session to a wrap up of the day!

00:48:20	Michelle Steinberg: Yes @DArla!

00:48:33	Aisha Bano: Thank you all. Amazing

00:49:51	KT Moran:	I may have lost talent, but have also prevented the company from losing contracts because of poor deliverables, and huge amounts of time spent above budgets to polish that person;s work. If someone is applying for a professional position, it is reasonable to ask them to take the necessary steps to put forth a professional deliverable.

00:50:50	KT Moran:	I work diligently with my students to avoid being placed in that bin. Proper presentation IS a basic expected skill in many sectors.

00:51:01	Dr. Elizabeth Newbury- The Wilson Center (she/her): Some research for those looking for it!

Esports: The Chess of the 21st Century:

https://www.frontiersin.org/articles/10.3389/fpsyg.2019.00156/full

eSports Skills are People Skills: https://bit.ly/3lzy6MJ

eSports Gaming and You (how it links to 21st century skills):

https://www.jstor.org/stable/44430526

00:51:02	Katrina Minck- Science Teacher Extraordinaire Fremont Unified School District:	Yes! Careers we do not know of yet are going to STEM off this (pun intended). :)

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00:51:05   NAILA SUSANA GARZA ARCAUTE: @KT yes, I think that our own resume is like our presentation card, shouldn't have grammar or spelling errors, basically you use it all your life

00:51:30   Scott Kiessig - ScIC | PocketLab: Katrina 🤣

00:51:39   Todd Conley- HighSchool.GG: great links Elizabeth!

00:51:43   Denise Zut: Thank you Dr. Elizabeth!!

00:51:45   Jill Stenberg: Are you going to put all of the resource links on a page, like you did last week?

00:52:11   Scott Kiessig - ScIC | PocketLab: Find all the links being mentioned here https://www.thepocketlab.com/scic6-summit-21st-century-skills

00:52:24   Scott Kiessig - ScIC | PocketLab: The links will be attached to each webpage for the recordings they came out of

00:53:01   KT Moran: preservation on WONDER!!!

00:53:05   Imani Malaika-Mehta: Lots of POC have tons of creativity, but only 17% of POC computer science majors are not getting jobs!

00:53:06   zainoenisa allie: @Naila & KT. 21st century will not place so much importance on a 1D resume with correct spelling & grammar - we have video resumes nowadays which showcase more your skills & competencies

00:53:08   KT Moran: *OF Wonder

00:53:10   NAILA SUSANA GARZA ARCAUTE: @Scott, I looked but couldn't find the last week email about the rocket... I just found reminders for this seminar

00:54:01   Scott Kiessig - ScIC | PocketLab: Naila- the recordings from last week will be going out early next week

00:54:09   Imani Malaika-Mehta: This is not about a typo on a resume. I am talking about not being able to communicate beyond text-speak.

00:54:12   KT Moran: not sure who 'we' is, but this is nowhere near the norm yet. and there is a great differential amongst sectors

00:54:13   NAILA SUSANA GARZA ARCAUTE: Thanks :D

00:54:35   Rayan Khan: Discord community please

00:54:36   Davy Van den bergh: From my experience: Motivation is the force to stimulate creativity.

00:54:50   Todd Conley- HighSchool.GG: yes to video resumes and GitHub profiles :)!

00:55:03   Susan Cabello: How do you teach curiosity and creativity to seniors

00:55:33   Davy Van den bergh: @Susan: Motivate them. Find what keeps them busy.

00:56:05   Imani Malaika-Mehta: The wide variety of IT/CS careers is far beyond the scope of the skill focus here.

00:56:08   Linda Waldman: I can't even motivate my own kids this year!

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00:56:34   Steve Frankel: Thank you all so much!

00:56:46   Valorie Vance-Kraus: @Susan I think the conversation about "what are you doing next?" is the cornerstone to understand motivation and can be a starting point for taping creativity

00:56:51   KT Moran: Great day. MANY THANKS TO ALL!!

00:56:51   Denise Zut: Linda lol. It's been a year!

00:56:52   Linda Waldman: Thank you for this conference. There is a lot to process.

00:56:52   Larry Browning: Thanks, everyone!

00:56:54   zainoenisa allie: authentic learning is one aspect to tap into your student's motivation - something that they can relate to

00:56:56   Noreena Falta: Amazing Day!!!

00:56:57   Katrina Minck- Science Teacher Extraordinaire Fremont Unified School District: NSF is soooooo important. Thank you for all your grants, programs and resources. @ Diane, thank you for being here. We appreciate you!

00:57:02   Renata Eugenia Guerra Fraustro:Thank you

00:57:14   Davy Van den bergh: @ Linda: What do they watch on TV?

00:57:18   Katrina Minck- Science Teacher Extraordinaire Fremont Unified School District: Thanks so much panelists!

00:57:29   Ladonna Feldhake: Excellent conference! Thank you!!!

00:57:30   Denise Zut: Thank you all - it was an amazing afternoon of learning and inspiration!

00:57:34   Kelsey Kiessig - PocketLab: Today has been fabulous! I loved how so many of the presenters not only taught us collectively, but learned from each other and learned from the chat. It was an amazing, educated, diverse and humble group of presenters, and I enjoyed tuning in.

00:57:42   Ouahiba Elbarzouzi: Thank you so much

00:57:50   Katia Monterrey: :)

00:57:54   Dr.Leetravino Deveaux: Thank you very much

00:58:08   Donna Sawyer: Thank you so much! 🙂

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