

## Chat Transcript

Online Instructional Practices for Math & Science Webinar • May 13, 2020

15:00:55 From Dana Watts : Welcome everyone, please post to ALL PANELISTS & ATTENDEES in the chat

15:01:00 From ISS Communications to All panelists : Say hi and let us know where you coming from! :)

15:01:02 From ANOOP SINGH to All panelists : ANOOP KUMAR SINGH

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15:01:03 From Emilyn Mendoza to All panelists : Hello!

15:01:21 From Peter Stevenson : Hello from Singapore

15:01:22 From Ellen Thompson : Montreal Canada

15:01:24 From Laura Benson : We will send you a recording of this webinar along with a transcript of the webinar chat along with the wonderful resources our panelists shared and recommended (and some from us/the ISS team, too). Thank you for being here with us!

15:01:24 From Lysianne Essama to All panelists : Hi, I am from Maryland.

15:01:24 From Lori Thakran to All panelists : Hello from Bali, Indonesia

15:01:27 From Kalpana Gangwani to All panelists : hi, I am from Bermuda

15:01:28 From Jacek Guzik to All panelists : Hello from Krakow, Poland

15:01:28 From Vicki Klimou : Good afternoon from Athens, Greece!

15:01:28 From Katherine Wilson to All panelists : Hello, I am from Northern Virginia.

15:01:30 From Woodrow Henderson to All panelists : Hi From Bangkok!

15:01:30 From Michele Maxson to All panelists : Hi from Maryland!

15:01:31 From Libby Boulianne : Hi, Libby from Ashbury College, Ottawa, Canada

15:01:31 From Cheryl Jackson to All panelists : Hi, Atlanta, Georgia

15:01:33 From Primo Collado to All panelists : Hi this Primo Collado

15:01:34 From Daria Filip to All panelists : Daria Filip, American School of Paris, Upper school Science and Middle School Math :)

15:01:34 From Emily Miller to All panelists : Nantucket, MA

15:01:34 From Boney Stephen to All panelists : Hi Boney here from Dubai

15:01:35 From Ghenwa Dimachki to All panelists : hello from Kuwait

15:01:35 From Mr. Suresh Chaudhary to All panelists : Hello from Nepal

15:01:35 From Tshering Dema to All panelists : Hello from Yangon

15:01:36 From Anthony Quan : Hello from Salvador, Brazil

15:01:36 From Jeffrey Parliament to All panelists : Hello from Tangier, Morocco

15:01:36 From AMILYN SAMPANG to All panelists : Good Evening.. very excited to learn. God bless.

15:01:36 From Ahmed Abdalghani to All panelists : Hi from Doha, Qatar

15:01:38 From Kate Sweeney : Good morning from Bermuda!

15:01:39 From Nazokat Yakubova to All panelists : Hello from Tashkent, Uzbekistan

15:01:39 From Meredith Jewell : Hello from the Philippines!

15:01:39 From Nirmala Narayanan to All panelists : hi

15:01:39 From Magdalena Lasota to All panelists : Hello form Krakow, Poland!

15:01:39 From Luciana de Campos to All panelists : Luciana, from Belo horizonte, Brazil. Hey everyone!

15:01:41 From Jesmin Sultana to All panelists : Hello,I am Jesmin from DPSSTSDHAKA

15:01:41 From Lisa Currie to All panelists : Hello from Montreal!!

15:01:42 From Veena Kumar to All panelists : Hello from Bangalore, India

15:01:42 From Primo Collado to All panelists : good evening

15:01:42 From Luz Acosta to All panelists : Good morning, Luz Acosta from the International School of Panama

15:01:42 From Anjar Donny Prasetyo : Hi, Anjar, Jakarta Nanyang School, Indonesia

15:01:43 From Helen Grace Rivera to All panelists : Hello from Indonesia.  
15:01:44 From Christina Bakoyannis : Hello from Athens, Greece!  
15:01:45 From KELLY REEVES to All panelists : Hello from Bermuda  
15:01:46 From Lydia Akoto-Ayeh to All panelists : Hello I'm Lydia from UAE Dubai  
15:01:46 From Shannon Doel : Hi. Shannon from Tashkent International School, Uzbekistan  
15:01:46 From Mehmet Zengin to All panelists : Hello from Turkey  
15:01:46 From Ali Power to All panelists : Hello from Ali in Luxembourg!  
15:01:47 From Anushree Mathur to All panelists : New Delhi, India  
15:01:47 From Balaram Neupane to All panelists : Good afternoon from Nepal  
15:01:47 From Kris Asis to All panelists : Mabuhay! Manila, Philippines  
15:01:47 From Cameron Hall : Hello from Taiwan  
15:01:48 From Mahvish Sakrani to All panelists : Hi all the way from Karachi Pakistan. Its Mahvish Sakrani  
15:01:48 From Reagan Paguinto : Hello from Surabaya, Indonesia  
15:01:48 From Caitlin Cornwell : Good evening from New Delhi, India!  
15:01:49 From Alice Riccabona to All panelists : Good morning from Virginia, USA  
15:01:49 From Zohra Backtash : Here from Dubai, UAE  
15:01:49 From jessica davis to All panelists : hello from Bahrain!  
15:01:49 From Darryl Roy Montebon to All panelists : Good evening from the Philippines!  
15:01:50 From Michael Vetrano to All panelists : Hi from New York City  
15:01:50 From Marcus Eck to All panelists : Hello! Marcus from Barcelona, Spain.  
15:01:50 From Mariajose Cuevas to All panelists : Hello from Ningbo, China.  
15:01:51 From Trent Killian to All panelists : Hello from Malaysia  
15:01:51 From Sravanthi Misala to All panelists : Hi Iam Sravanthi from India  
15:01:52 From Erin Proctor to All panelists : Madison, Wi  
15:01:52 From Tazagul Abdullaeva to All panelists : Hi,everybody,good afternoon from Kyrgyzstan!  
15:01:53 From dora andrikopoulos to All panelists : Hello from ACS Athens Greece  
15:01:53 From zeina nasif to All panelists : Hello everybody Amman Jordan  
15:01:53 From Evey Koen to All panelists : Hi, from Rhode Island  
15:01:54 From Iliya Emilov to All panelists : Hello from Bulgaria, Plovdiv  
15:01:55 From Alexandra Scott to All panelists : Good afternoon, joining from South Africa :-)  
15:01:55 From Richard Therrien : Good morning, Richard Therrien, K12 Science Supervisor, New Haven Schools, CT, USA  
15:01:55 From jhorsfall to All panelists : Hi from Trinidad and Tobago  
15:01:55 From sasikala selvam : hi am sasikala Selvam, Hindustan International school, India  
15:01:56 From Jananee Kalyanakrishnan to All panelists : Hi , Leela from India  
15:01:56 From Shinjini Kalra to All panelists : Hello from Singapore  
15:01:56 From Jhon F Consuegra : Buenos días, desde Cartagena Colombia  
15:01:57 From Sam Lim to All panelists : hello, Sam Lim from Thailand  
15:01:57 From Julio Cesar Cortez Farfan to All panelists : Good morning, from Lima, Perú  
15:01:57 From Neetu Bansal to All panelists : Namaste from india  
15:01:57 From Tony Halsey : Hi, I'm Tony Halsey, currently in Switzerland  
15:01:57 From Amy Foley : Hello from Ontario, Canada... working remotely for Shanghai American School  
15:01:58 From Sanghamitra Chakraborty to All panelists : Good Evening from Shenzhen, China  
15:01:58 From Ethan Narimatsu to All panelists : Hi from Bishkek, Kyrgyzstan!  
15:01:58 From Maria Christina Acosta to All panelists : Hi, I'm Tin from the Philippines.  
15:01:59 From Carol Craig to All panelists : Hello from Tirana, Albania  
15:01:59 From Chantal Garnett to All panelists : Good Morning from Bermuda  
15:02:00 From Arlene Gumatay to All panelists : Hi from Indonesia  
15:02:00 From Juna Liza Pamplona : Hi, from Manila, Philippines  
15:02:01 From Pooja Mohan to All panelists : Hello from Singapore  
15:02:01 From Laurence Mendoza to All panelists : From Singapore National Academy, Indonesia  
15:02:02 From Vanessa Go to All panelists : Good morning, I'm Vanessa from UNIS New York

15:02:02 From sarada kanneboina to All panelists : Good evening  
15:02:03 From Ali Power : Hello from Ali in Luxembourg!  
15:02:03 From Joyce Ann Lapid to All panelists : Hello from the Philippines  
15:02:04 From Lakshmi Balasubramani to All panelists : Hiii am from chennai,India  
15:02:05 From Giedre Slivko to All panelists : Hi from Vilnius, Lithuania :)  
15:02:05 From Sheena Ong to All panelists : from Philippines  
15:02:05 From Ferial Shishani : Hello from Ferial Shishani from Qatar Vision International School.  
15:02:07 From Julie Reakes : Hi, I'm Julie from CSS in Hong Kong  
15:02:07 From AMILYN SAMPANG to All panelists : Good evening From PHILIPPINES. MABUHAY!  
15:02:09 From Michele Ruiz to All panelists : Michele Ruiz San Juan Puerto Rico  
15:02:09 From Ciriaca Fernandes to All panelists : Hello...its Ciri from Orchids, Yari road, mumbai  
15:02:10 From Vinita Sharma to All panelists : Vinita Sharma from apan  
15:02:11 From Neelam Choudhary : Greetings from Calcutta International school, Kolkata, India....Neelam Choudhary  
15:02:12 From Hiroshi Yokotani to All panelists : Hi. Hiroshi Y. from Kyoto Japan  
15:02:13 From Martin Henderson to All panelists : Good afternoon from Hannover, Germany.  
15:02:13 From sherry greenlee to All panelists : good morning I'm in San Diego, and will be teaching grade one in Burma  
15:02:14 From Emily Dungan : Good morning from Quito, Ecuador!  
15:02:15 From IRENE SORIO to All panelists : hello everyone! watching here from Doha Qatar  
15:02:18 From Mercedes Calvo to All panelists : Good morning. Mercedes Calvo from ACS La Paz Bolivia  
15:02:19 From ERIC ARCON to All panelists : SAWADEE KHAP, ERIC here from THAILAND  
15:02:19 From Tarun Seth to All panelists : Hi, Tarun from Woodstock school, India.  
15:02:19 From Colin Stephenson to All panelists : Hello from Bangkok  
15:02:19 From Rachel Davis to All panelists : Hi, I'm Rachel from American School in Dubai  
15:02:21 From Justin Reed to All panelists : Hello from Knoxville, TN  
15:02:22 From Shyamala Naidu to All panelists : Hello! Shyamala form India.  
15:02:25 From Jeff Goldie : Good morning from Bogota, Colombia  
15:02:26 From Rocío Alvarez to All panelists : Hello from México City  
15:02:26 From SALIH UNVERDI : Hello from Bosnia and Herzegovina  
15:02:26 From Ghenwa Dimachki to All panelists : I'm Ghenwa from Kuwait  
15:02:28 From Sridhar Vittal to All panelists : Sridhar from Central Africa  
15:02:34 From Wilfred Masese to All panelists : Hi, Wilfred from Brookhouse School Nairobi, Kenya  
15:02:36 From IDA ABBEYQUAYE to All panelists : Hello, I am Ida from Ghana International School, Accra, Ghana.  
15:02:40 From lourdes ghazal to All panelists : Im Lourdes watching from Kuwait  
15:02:40 From Nirmala Krishnan : Hi, everyone, Nirmala from India.  
15:02:43 From Denie Nunez to All panelists : Denie Nunez good evening from Surabaya Indonesia  
15:02:46 From Nabin Ghimire to All panelists : hello  
15:02:49 From Anne OConnell to All panelists : Anne from Chengdu China  
15:02:51 From Jorel Sanchez to All panelists : Good evening everyone. Im from Global Lead  
15:02:51 From Danica Ugalino to All panelists : Hi from Doha, Qatar (Middle East International School)  
15:02:53 From Nabin Ghimire to All panelists : everyone  
15:02:53 From June Takacs : Hello! From Montreal, Canada  
15:02:57 From Omar Alshishani to All panelists : Hello from Vision International School Qatar, Omar Shishani  
15:03:13 From Rumki Saha : Hi,Good evening everyone. I am Rumki r from Bangladesh.  
15:03:17 From Nasrin Khan to All panelists : hello .this is nasrin from Dhaka Bangladesh  
15:03:20 From Eden Senires to All panelists : Hi! from Singapore National Academy, Surabaya, Indonesia  
15:03:23 From MERRY GRACE BALLARES to All panelists : hi from Philippines  
15:03:24 From Benjamin Sorinola to All panelists : Greetings from Chrisland School, Nigeria  
15:03:28 From Tyler Shelden to All panelists : Morning from Asuncion ~  
15:03:33 From Barbara Kawasoe : Good morning! I'm Barb from Toronto, Canada

15:03:35 From Pinaki Ghosh to All panelists : hi I am Pinaki Ghosh from Canadian international school , bangalore , India ... I am Math & Physics teacher

15:03:36 From Afroza Hoque Chowdhury to All panelists : Hello! I am Afroza From DPS STS School, Dhaka, Bangladesh

15:03:39 From Queenette Nwibani-Auta : Hello everyone, I'm Queenette from inspire academy Abuja Nigeria.

15:03:42 From CARLOS RAMIREZ to All panelists : Hi! From Peru

15:03:42 From Azamat Kubatov Kubatov to All panelists : Hi

15:03:42 From Cassandra Algar : Hello from Madrid, Spain!

15:03:46 From Elaine Anderson to All panelists : Good afternoon, from Elaine Anderson, Surrey, UK

15:03:47 From Azamat Kubatov Kubatov to All panelists : I am Azamat, from Japan

15:03:58 From Azamat Kubatov Kubatov to All panelists : I do teach Math HL

15:04:01 From Annabel Dotzman : Good morning from Philadelphia, Pa

15:04:04 From Lin Robbins-Doyle to All panelists : Morning! From the Washington International's School in DC.

15:04:06 From Rachele McCracken to All panelists : Good morning. I am Rachele and working in Curitiba, Brazil.

15:04:12 From Ünal Özmen to All panelists : Hello God afternoon from Ankara

15:04:26 From MERRY GRACE BALLARES to All panelists : HI I'AM MERRY GRACE D. BALLARES, from Philippines.

15:04:47 From Ganesh Tiwari to All panelists : Good evening from India! I am Ganesh

15:05:18 From JOCELYN QUIMBO to All panelists : Good afternoon from Doha, Qatar

15:05:30 From Derrick Nyuyki Bime : Happy to be here. Thank you for the opportunity to learn and share

15:05:34 From Dana Watts : Q1: How do we ensure effective learning and build community and confidence within our context areas online?

15:06:12 From Dana Watts : Using what we have at home is essential! Great point!

15:06:20 From ISS Communications : Please post any questions in the Q&A button at the bottom of Zoom.

15:07:04 From Rohit Pandey to All panelists : Happy to be here amongst educators from worldwide...Thank you.

15:07:07 From Laura Benson : Yes, love the idea of utilizing things you have at home as learning manipulatives!

15:07:12 From GEORGINA MORGAN : Hi to everyone, from Oxted in Surrey, UK.

15:07:14 From Mónica Callenbach to All panelists : How are you using your ipad as a document camera , separate from your video conference laptop ?

15:07:20 From Dana Watts : <https://edu.rsc.org/feature/making-practical-work-more-effective/3008027.article?adredir=1>

15:07:22 From Laura Benson : Meet students where they are - Yes!

15:07:35 From Blessy Master to All panelists : Hello everyone...)

15:07:40 From James Drake to All panelists : Hi to everyone, from Haileybury Astana

15:07:55 From ISS Communications : @monica You can connect it via USB and then use the screen share feature in your conferencing tool

15:07:55 From Laura Benson : Giving students a safe place online is just as important...

15:08:03 From Ali Power : Using what you've got - we've turned bottle caps into place value counters to replace the equipment we have at school.

15:08:13 From Sheena Ong : sorry, cannot post on QA box...how do we differentiate eSp we have children with special needs

15:08:24 From maise dayekh to All panelists : hello everyone

15:08:34 From Constance Mullans to All panelists : Hi from Seattle, Washington

15:08:50 From SHIVANI ... to All panelists : Hello everyone

15:09:00 From Danica Ugalino : Learn how to learn 👍

15:10:00 From Laura Benson : Got it Sheena!

15:10:51 From Dana Watts : Q2: What are some best practices or strategies for teaching Math online with primary students?

15:10:58 From Veena Kumar to All panelists : I have seen how my MS students rely on our online class routine just as they did in "real" school

15:11:03 From Lori Thakran : Can you discuss differentiation strategies in math that can be effective during distant learning

15:11:09 From Dana Watts : <https://www.edutopia.org/article/value-of-authentic-audience-monica-burns>

15:11:25 From Omar Alshishani : Hello from Vision International School, Omar Shishani

15:11:35 From Rachelle McCracken : Former HKIS student here! Woo!

15:12:02 From Jesmin Sultana to All panelists : Hi from Jesmin ,again, I just got disconnected from my iPhone,so logged in pc

15:12:04 From Dana Watts : Great resource for math manipulatives: <https://toytheater.com/category/teacher-tools/virtual-manipulatives/>

15:12:14 From Mr. Suresh Chaudhary to All panelists : How can we teach physics via remote learning in high school?

15:12:17 From Ganesh Tiwari to All panelists : How do we teach experimental science like Physics effectively online?

15:12:38 From María Elena Peyrallo to All panelists : hello from Punta del Este URUGUAY,( International College)

15:13:10 From Boney Stephen to All panelists : can we discuss differentiation for science

15:13:17 From Dana Watts : <https://www.netmath.ca/en-us/>

15:13:52 From Ünal Özmen to All panelists : Can you discuss differentiation strategies in scienc that can be effective during distant learning ?

15:14:05 From Julio Cesar Cortez Farfan to All panelists : good idea,

15:14:09 From Mahesh Bhardwaj to All panelists : Hi From Sehwag International School, India, Mahesh Bhardwaj

15:14:13 From Dana Watts : Q3: What are some best practices or strategies for teaching Math online with secondary students?

15:14:53 From Dana Watts : Flippity.net: Easily Turn Google Spreadsheets into Flashcards and Other Cool Stuff <https://flippity.net/>

15:15:01 From Julio Cesar Cortez Farfan to All panelists : resources for Science

15:15:27 From Dana Watts : We will share science resources when we get to science in a few minutes

15:15:29 From Laura Benson : We will send you a recording of this webinar along with a transcript of the webinar chat along with the wonderful resources our panelists shared and recommended (and some from us/the ISS team, too). Thank you for being here with us!

15:15:48 From Ghenwa Dimachki to All panelists : thank you

15:15:52 From Emanuela Papazisi to All panelists : Okay thank you!

15:15:54 From James Drake : What if only limited by being able to only use Zoom lessons?

15:15:54 From Theresa Dickson to All panelists : Thank you!

15:16:04 From Salih Ergün to All panelists : Hello from Stuttgart in Germany, Salih

15:16:14 From Dana Watts : <https://www.goodbyenotebooks.com/resource-reviews>

15:16:18 From Laura Benson : The resources Jill is mentioning will be sent to you.

15:16:26 From Dana Watts : <https://teacher.desmos.com/>

15:16:33 From Derrick Nyuyki Bime : Thank you

15:16:36 From MERRY GRACE BALLARES to All panelists : thanks

15:16:37 From Dana Watts : <https://www.desmos.com/calculator>

15:16:39 From Helen Grace Rivera to All panelists : Thank you in advance! Looking forward for the recording.

15:16:47 From Veena Kumar to All panelists : Would be great to see how PairDeck works

15:16:54 From Sonya George to All panelists : The resources will be appreciated. Thank you

15:16:55 From Blessy Master : will be a great help,thank u so much..:)

15:17:04 From Jesmin Sultana to All panelists : Thanks a lot

15:17:06 From Vicki Klimou : Have you found breakout rooms effective for younger grades? 2nd grade?

15:17:07 From Jovelyn Halili to All panelists : Thank you so much! :)

15:17:43 From Laura Benson : Breakout rooms are great and we have found that younger students can access these, too.

15:17:52 From Jesmin Sultana to All panelists : Yes

15:17:57 From Laura Benson : Please add your questions in the Q & A box. Thank you!

15:17:59 From AMILYN SAMPANG to All panelists : What are the different methods in teaching Calculus and higher math using online?

15:18:07 From Dana Watts : <https://www.youcubed.org/tasks/>

15:18:43 From Dana Watts : Jill's Goodbye notebooks <https://www.goodbyenotebooks.com/resource-reviews>

15:18:52 From Owen Davison : Have people had success using Google MEET for breakout groups? Any tips?

15:19:30 From Ali Power : Does anyone know if there is something similar to breakout rooms in Microsoft teams?

15:19:34 From Pita-Gay Nelson to All panelists : Google Meet has been freezing for me, so I moved to Zoom

15:19:45 From Hiral Mody to All panelists : edmodo

15:19:51 From Dana Watts : Q4: What are some best practices or strategies for teaching Science online with primary students?

15:20:07 From Amy Foley : Yes Microsoft Teams has 'channels' for breakout rooms

15:20:11 From Libby Boulianne : Ali - I have done breakouts in two ways on Teams - you can set up channels for small groups for long term team work. For shorter ones I set up several meetings with the students names so they know which one to join

15:20:18 From Dana Watts : Wendy Smith is awesome!!!! NGSS guru

15:20:33 From Laura Benson : Thank you, Libby!

15:20:34 From Ali Power : Thanks!

15:21:23 From Ivan Perez : Primary school is using MEET for breakout groups. They have split the schedule into sets of 15-30 minutes. It is working well.

15:21:26 From Nirmala Narayanan to All panelists : how we can assess learning

15:21:54 From Lin Robbins-Doyle to All panelists : Does anyone use Alchemie? <https://www.alchem.ie/>

15:22:22 From Dana Watts : <https://www.youtube.com/watch?v=mNP9hs2a1FY>

15:22:36 From Neetu Bansal : how can u in school ?? is there no lock down?

15:22:48 From Dana Watts : <https://thewonderofscience.com/>

15:23:20 From James Drake : how to you in the primary years integrate the parents?

15:23:25 From Dana Watts : This is a fabulous bank of assessments for NGSS <https://thewonderofscience.com/draft-assessment/> all grade levels

15:23:58 From Dana Watts : Here's the link from Lauren: <https://www.youtube.com/watch?v=mNP9hs2a1FY>

15:24:11 From Vanessa Go to All panelists : Our parents have been instrumental in science instruction at home for lower primary!

15:24:22 From Dana Watts : Q5: What are some best practices or strategies for teaching Science online with secondary students?

15:25:02 From Ntsili Motsieloa : Hello! Ntsili form Lesotho

15:25:14 From Dana Watts : mS Gr6 Example tasks:  
<https://drive.google.com/file/d/1QrkGhVBhbaPEX8R0woozWuOy0S7v75Q/view>

15:25:19 From Jesmin Sultana to All panelists : Exactly these happen...

15:25:22 From Julio Cesar Cortez Farfan to All panelists : thewonderofscience.com is a very full

15:26:29 From AMILYN SAMPANG to All panelists : Here in the Philippines, we are having difficulties in teaching Science and Mathematics online because not all learners have access in the internet, so what advice can give to reach those students"?

15:27:09 From Mónica Callenbach to All panelists : Great resource for virtual manipulatives for primary math : <https://www.didax.com/math/virtual-manipulatives.html>

15:27:35 From Dana Watts :  
<https://docs.google.com/document/d/1RXYoNN4IE9RSDpJnNCQ6pew0u8l5gAWTVazubuRvluY/edit?usp=sharing>

15:27:44 From Lin Robbins-Doyle to All panelists : <https://bitescis.org/search-lesson-plan/?wpv-topic%5B%5D=physics>

15:27:49 From Hiral Mody to All panelists : whats NGSS?

15:28:23 From ISS Communications : <https://www.nextgenscience.org>

15:28:43 From Dana Watts : Anchor guide  
<https://docs.google.com/document/d/1RXYoNN4IE9RSDpJnNCQ6pew0u8l5gAWTVazubuRvluY/edit?usp=sharing>

15:28:57 From Shyamala Naidu to All panelists : Will the anchor guide be shared too?

15:29:06 From Lin Robbins-Doyle to All panelists : American Association of Chemistry Teachers is great for Lessons-  
[https://teachchemistry.org/classroom-resources/topics?grade\\_level=high-school](https://teachchemistry.org/classroom-resources/topics?grade_level=high-school)

15:29:19 From Dana Watts : Thank you Lin !!!

15:29:37 From Ma. Criselda Cariño : Hi to everyone from Philippines

15:30:13 From Lin Robbins-Doyle to All panelists : Chem Matters Magazine is free online:  
<https://www.acs.org/content/acs/en/education/resources/highschool/chemmatters/past-issues.html>

15:30:19 From Dana Watts : SNAP Sample IEAs <https://snapgse.stanford.edu/snap-assessments/instructionally-embedded-assessments>

15:30:44 From Primo Collado to All panelists : hi sa lahat ng mga magaganda at pogi guro ng Team Pilipinas. magandang gabi!

15:31:03 From Nirmala Narayanan to All panelists : can you suggest some activity in math for students of determination

15:31:05 From Lin Robbins-Doyle to All panelists : Tinkercad is great to build things online: <https://www.tinkercad.com/learn/>

15:31:11 From Dana Watts : NGSS K-12 Scope & Sequence Sample: <https://docs.google.com/spreadsheets/d/1qHP2KQVEhGxzuma7pAJ3OldGuQ8Uh0bWQ79Pdspq6aU/edit?usp=sharing>

15:31:27 From IRENE SORIO : Hello everyone, watching here from Doha, Qatar

15:31:52 From Laura Benson : Could not agree more - Embed assessments into learning so that it is not an event but a regular part of the ebb and flow of your teaching.

15:31:53 From Dana Watts : Q6: Given the pandemic and curriculum challenges facing the math & science departments, what is the best way to approach the curriculum in the fall and what can be done between now and then to be prepared?

15:32:02 From Pita-Gay Nelson : Hello from Angola!

15:32:02 From Tazagul Abdullaeva to All panelists : I am watching webinar and taking useful informations.Thanks, dear presenters!  
from Silk Road International School.

15:32:14 From GiONEE GN8001 to All panelists : Hello everyone, joined from Abuja, Nigeria.

15:32:14 From James Drake : What about IGCSE resources beyond past exams?

15:32:28 From Neshat Ali to All panelists : Hello from Neshat

15:32:38 From Lori Thakran : Q7. Can you touch on differentiation in math?

15:32:59 From Ghenwa Dimachki to All panelists : do you have any ideas about doing science IAs at home?

15:33:13 From ISS Communications : Please post any questions in the Q&A button at the bottom of Zoom.

15:33:16 From Boney Stephen to All panelists : Can you touch on differentiation in Science?

15:33:48 From Ganesh Tiwari to All panelists : For IGCSE- <https://www.cambridgeinternational.org/support-and-training-for-schools/teaching-and-learning-when-school-is-closed/tools-remote-teaching-and-learning/>

15:34:23 From Nabin Ghimire to All panelists : How can we bring interest to learn mathematics on students/

15:34:34 From Dana Watts : Scope & Sequence <https://docs.google.com/spreadsheets/d/1qHP2KQVEhGxzuma7pAJ3OldGuQ8Uh0bWQ79Pdspq6aU/edit?usp=sharing>

15:34:38 From Ünal Özmen to All panelists : Can you touch on differentiation in Physics ?

15:34:46 From Laura Benson : So vital to prioritize Standards...Love Lauren's scope and sequence work.

15:34:48 From Theresa Dickson to All panelists : I just checked the snaps and there is very little there for ms science - the ngss standard I'm on is not listed there...any other resources with embedded assessments in lessons?

15:35:26 From Lin Robbins-Doyle to All panelists : Our students have LOVED Biology Simulation website- <https://www.biologysimulations.com/>

15:35:59 From Theresa Dickson to All panelists : what is the link to Paul Anderson's website. I have used his AP biology website but is there another?

15:36:20 From Dana Watts : Here is Paul's website: <https://thewonderofscience.com/>

15:36:31 From Theresa Dickson to All panelists : Thank you!

15:36:54 From Dana Watts : And here's a link to assessments for each NGSS standard: <https://thewonderofscience.com/draft-assessment/>

15:39:01 From Neelam Choudhary : Session on Primary school science would be so nice

15:39:47 From Luciana de Campos to All panelists : I endorse having sessions for Science and Maths in Early Years!  
:D

15:40:03 From Sridhar Vittal to All panelists : <https://buildingmathematicians.wordpress.com/tag/differentiated-instruction/>

15:41:01 From Martin Henderson to All panelists : We're not allowed to do one-on-one meetings. We have to have at least 3 students on a call.

15:41:09 From Tshering Dema to All panelists : Concept maps with a detailed rubric works really well with the high schoolers

15:41:18 From Ali Power : I think assessment can be shown through things like a see think wonder activity. These help show the depth of their understanding.

15:41:34 From Ali Power : Also, getting the children to create something that shows their understanding.

15:41:37 From Ghenwa Dimachki to All panelists : I like the one-to-one zoom meeting to ask the essential questions to the students 👍

15:41:38 From Mahvish Sakrani to All panelists : We used Quizizz and google forms assessed through Flubaroo to generate results. Very helpful!

15:41:39 From Ali Power : Oops... same idea!

15:41:51 From Alice Riccabona to All panelists : LOVE the idea of having kids creating tutorial videos!

15:41:54 From Dana Watts : If you'd like to connect w Wendy Smith (the educator we discussed who specializes in NGSS within Elementary School) Here's her contact info on Twitter: @wssmith

15:42:01 From Julio Cesar Cortez Farfan to All panelists : for the 3 stages, Elementary, middle, high

15:42:37 From Dana Watts : Formative assessment has become even more important

15:42:51 From Mahvish Sakrani : We used Quizizz and google forms assessed through Flubaroo to generate results. Very helpful!

15:43:39 From Veena Kumar to All panelists : Showbie is also great for Feedback

15:43:59 From Michele Maxson to All panelists : Gimkit, Quizlet Live, Quizizz

15:43:59 From Ahmed Abdalghani to All panelists : We're using Quizizz as well, nice website

15:44:19 From Primo Collado to All panelists : kahoot can be used in making your assessment and link it to your google classroom.

15:44:40 From Neetu Bansal : peardeck add on in google slide is very useful tool for interactive class

15:44:41 From Dana Watts : Collaborative Whiteboard Tool: Google Jamboard <http://jamboard.google.com>

15:44:49 From Blessy Master : yes agree with the thought of assessment not to be restricted to pen n paper but more into understanding if the learners have understood n enjoyed learning the concept, may be we could have differentiated based activities or forms of assessments and if parents could be also involved in assessing the learners at home in different ways on active basis learning then we could monitor the continuous progress of learners well...)

15:44:52 From Emily Miller : Our teachers have struggled with assessing work posted on Seesaw, as there are obvious signs of parents heavy hands in the work.

15:44:59 From Dana Watts : PearDeck <https://www.peardeck.com/googleslides>

15:45:09 From Lin Robbins-Doyle to All panelists : National Park Service have a great site for interactive science and social studies lessons using their Virtual Parks. Students can be given KWL (Know, What, Learn) as an exit ticket: <https://www.nps.gov/kids/index.htm>

15:45:40 From Dana Watts : Here's another: <https://www.10best.com/interests/travel-tips/see-most-popular-national-parks-from-comfort-of-couch-home/>

15:45:40 From Piyusha P to All panelists : I have been using Mathspace.co for formative assessment

15:45:46 From Ahmed Abdalghani to All panelists : For Mathematics, Mathletics is a big help for assessments and practice

15:45:51 From Piyusha P to All panelists : it also helps in differentiation

15:45:59 From Lin Robbins-Doyle to All panelists : NICE! Thanks Dana- I'll add it to my Teacher's resources

15:46:06 From Dana Watts : 10 assessments you can perform in 90 secs: <https://www.teachthought.com/pedagogy/10-assessments-you-can-perform-in-90-seconds/>

15:46:23 From Neetu Bansal : edpuzzle is very wonderful resource

15:46:40 From Michele Maxson to All panelists : yes

15:46:41 From Dana Watts : If you need to secure assessments, here's a resource that might be helpful: <https://www.schoology.com/blog/secure-your-assessments-our-responduis-lockdown-browser-app>

15:46:46 From Michele Maxson to All panelists : Love Edpuzzle!

15:46:59 From Alice Riccabona to All panelists : what is cast?

15:47:03 From Primo Collado to All panelists : share the link neetu bansal. thanks!

15:48:10 From Tazagul Abdullaeva to All panelists : How about term exams?Pls,tips for online exams?

15:48:17 From MERRY GRACE BALLARES to All panelists : how do you help learners with Learning difficulties through online?

15:48:19 From Neetu Bansal : screencast is useful for feedback

15:48:27 From Lin Robbins-Doyle to All panelists : For Upper School (DP candidate) students: Organic Chemistry Tutor on YouTube is a HUGE resource for our students with learning differences. He teaches all skills for Math and Science. Several students haven't needed to hire a tutor because of these You Tube videos:  
<https://www.youtube.com/channel/UCEWpbFLzoYGPfuWUMFPSaoA>

15:48:40 From Neetu Bansal : feedback\*

15:49:04 From Kevin Jaramillo to All panelists : I believe that having check points along the way for those students that need differentiation. Instead of assigning a task and thinking the end result will prove learning. Break the lesson up even more online.

15:49:09 From Dana Watts : Our students and teachers and parents need to understand how to learn online - we have been engaging in emergency remote learning, some of us were better prepared than others. We need to meet everyone where they are.

15:49:16 From MARIA THERESA R. ABUNDA : very informative

15:49:20 From Shaini Sudheer : Desmos is good for maths assessment

15:49:40 From Dana Watts : Here's the link for Desmos: <https://teacher.desmos.com/>

15:50:08 From Kamalakanni C to All panelists : very useful session

15:50:08 From Pita-Gay Nelson : Can you please post the link of that resource?

15:50:09 From Alice Riccabona to All panelists : another vote for desmos

15:50:20 From GiONEE GN8001 to All panelists : Is there any other way we can save our work apart from Google Drive when using Google Forms to give formative assessments

15:50:21 From Ghenwa Dimachki to All panelists : any ideas for high Physics ?

15:50:43 From Ghenwa Dimachki to All panelists : high school physics " please

15:50:48 From Peter Stevenson : desmos activities is brilliant...quick to create your own little formatives too

15:50:52 From Chantal Garnett to All panelists : myimaths.com is a good site for assessments

15:51:14 From Lin Robbins-Doyle to All panelists : Our Grade 12 HL Environmental Science Teacher is currently doing a project with Air Quality using the world's numbers: <https://airqualityegg.com/portal/>

15:51:31 From Piyusha P to All panelists : <https://nrich.maths.org/> is another source for Math activities and integrated projects

15:51:41 From Lin Robbins-Doyle to All panelists : VERY FUN!

15:51:51 From Amy Foley to All panelists : CAST Universal Design for Learning <http://udlguidelines.cast.org/>

15:51:58 From Mahesh Bhardwaj to All panelists : can any one please post a link for science assessment

15:52:08 From Amy Foley : CAST Universal Design for Learning <http://udlguidelines.cast.org/>

15:52:49 From Dana Watts : Bank of Science assessments: <https://thewonderofscience.com/draft-assessment/>

15:53:42 From Nirmala Narayanan to All panelists : please can you send the links

15:53:52 From Alice Riccabona to All panelists : cake idea is brilliant!!!

15:54:24 From Mahvish Sakrani : I too am a Teacher Mom juggling with three kids of different ages-year ten to year eight to pre-k! yes its great when we tried pizza activities to finding volumes and surface areas of tissue boxes.Works great!

15:54:26 From Dana Watts : All links will be shared along with a recording of the webinar in the next 6-8 hours with everyone and be available on our website

15:54:27 From Rumki Saha : desmos activities is brilliant. very helpful.....

15:54:37 From Lin Robbins-Doyle to All panelists : For students with Vision Related Learning Disabilities, I have been recommending Blue Light Glasses. These have helped with ZOOM Fatigue SO much. Here's the link on Amazon.com: <https://www.amazon.com/blue-light-glasses/s?k=blue+light+glasses>

15:54:57 From Lin Robbins-Doyle to All panelists : Students are able to sleep better at night

15:55:02 From Rumki Saha : Noted

15:55:24 From Tazagul Abdullaeva to All panelists : An amazing idea!Cooking cake,as a maths assignment,volume,mass topics.

15:55:26 From Nirmala Narayanan to All panelists : in Iss website

15:55:53 From Kevin Jaramillo to All panelists : Yummymath.com to look at "real-life" scenarios  
15:56:06 From Lorraine Kellum to All panelists : Splitting students up is a great idea!  
15:56:06 From Lin Robbins-Doyle to All panelists : Amazon Future Engineer Activities:  
<https://www.amazonfutureengineer.com/free-courses>  
15:56:11 From GiONEE GN8001 to All panelists : @Dana Watts, thank you for sharing the link later.  
15:56:20 From Kevin Jaramillo to All panelists : ...In the standards.  
15:56:26 From Dana Watts : Here is the link to our ISS website with links to our webinars and all resources (ie. Online assessments, grading & reporting, early years, etc) [iss.edu/community/online-learning](http://iss.edu/community/online-learning)  
15:56:36 From Neetu Bansal to All panelists : can I get some certificate as a proof to attend this wonderful and knowledgeable workshop???  
15:56:42 From Iliya Emilov to All panelists : Great practice and opportunity! Thank you!  
15:56:58 From Dana Watts : Thank you everyone for sharing so many GREAT resources - we will gather these and share them later. You are amazing!  
15:57:01 From Kalpana Gangwani to All panelists : thanks all  
15:57:13 From Meredith Jewell : Thank you, panelists!! :)  
15:57:15 From madeline madeline : So impressed by the work of all you.  
15:57:24 From sasikala selvam : thank you all  
15:57:24 From Lin Robbins-Doyle to All panelists : Thank you!  
15:57:25 From madeline madeline : Excellent teachers!  
15:57:30 From Urmita Das to All panelists : thank you.....it was an interesting session  
15:57:30 From Mahvish Sakrani : Thank you all the panelists! You guys are great!!!!  
15:57:31 From Estela Proaño to All panelists : Thank you!  
15:57:31 From Vanessa Go to All panelists : Brilliant panel and resources - thank you!  
15:57:31 From Maria Christina Acosta to All panelists : Thank you very much. Very informative webinar!  
15:57:32 From Cassandra kwok Yuen : Thank you so much for sharing and energy.  
15:57:34 From Kuldeep Chabada to All panelists : Thank you for the great session  
15:57:34 From Cameron Hall : Thank you  
15:57:35 From Aysha Alkhalifa : flipgrid is awesome to hear everyone's voice  
15:57:35 From Neelam Choudhary : Thank you  
15:57:36 From susana kanyi to All panelists : Thank you  
15:57:36 From Nirmala Narayanan to All panelists : thank you all for the panelists  
15:57:37 From Betty Jane de Leon to All panelists : Thank you very much  
15:57:40 From Christina Bakoyannis : Wonderful! Thank you.  
15:57:41 From Jhon F Consuegra : Thanks to all for the links and comments!! :)  
15:57:41 From Meagan Hudson : Inspiring educators. Thank-you from small town Ontario!  
15:57:41 From Primo Collado to All panelists : Thank you also!  
15:57:41 From Rachel Davis : Thank you!  
15:57:41 From Luz Acosta to All panelists : Thank you very much...  
15:57:42 From sasikala selvam : help us to take class attentive  
15:57:43 From Emilyn Mendoza : Thank you so much!  
15:57:44 From Peter Stevenson : yes thanks very much  
15:57:44 From Emily Miller : THANK YOU! This was a wonderfully helpful and inspiring webinar. ISS is doing great work!  
15:57:45 From Hiral Mody to All panelists : ITs really amazing thanks for tons of resources  
15:57:46 From Laura Benson : So deeply grateful to you all!  
15:57:46 From Neshat Ali to All panelists : Thank you so much!  
15:57:50 From Rumki Saha : Thank you...  
15:57:51 From Alexandra Scott : Extremely good advice and resources. Thank you so much for sharing your experiences and inspirations :-)  
15:57:52 From Aysha Alkhalifa : thank you  
15:57:52 From Philip Elliott : Thank you so much  
15:57:52 From Ghenwa Dimachki : it was amazing, thank you 🙏

15:57:53 From Ganesh Tiwari to All panelists : Thank you so much!

15:57:53 From Justin Reed to All panelists : Thank you from Knoxville.

15:57:54 From Chantal Garnett to All panelists : Thank you! This has been very informative and helpful!

15:57:56 From Sridhar Vittal to All panelists : Thanks very much for a useful session

15:57:56 From Salih Ergün to All panelists : Thanks a lot everybody

15:57:56 From Hoi Mun Wong to All panelists : Thank you so much :)

15:57:57 From Carol Craig : thanks to everyone for all your ideas and resources

15:57:58 From Laurence Mendoza to All panelists : Thank you so much! God bless you all.

15:57:59 From Mahesh Bhardwaj : Thank You everyone

15:57:59 From Alice Riccabona to All panelists : So helpful - thank you panelists!

15:58:01 From Theresa Dickson to All panelists : Thank you and hello Lauren! We met late last year during an interview last year. My school wouldn't release me :(

15:58:03 From emanuel setyawan : Thank you all

15:58:04 From Lori Thakran : Great webinar! Thank you.

15:58:05 From Sravanthi Misala to All panelists : Thank you!!!! It was really very informative

15:58:05 From Lysianne Essama to All panelists : Thank you very much! Very instructive webinar. Stay safe!

15:58:07 From Luciana de Campos to All panelists : Thanks.

15:58:07 From KELLY REEVES to All panelists : Many thanks for organizing this and sharing some great resources :)

15:58:08 From Hiral Mody to All panelists : I am sure we all together would make a great work for our learners

15:58:09 From Phaeton Rukondo to All panelists : thank you

15:58:09 From Gina Larach : thank you amazing ideas and discussion

15:58:12 From Joyce Ann Lapid : This is very enriching. Thanks panelists! You are all inspiring!

15:58:13 From Shyamala Naidu to All panelists : Thanks All! Looking forward to using the resources help my stusdnetd

15:58:14 From jhorsfall to All panelists : Thank you everyone - I really appreciate your insights

15:58:15 From Juna Liza Pamplona to All panelists : Thank you!

15:58:16 From Owen Davison : I have taken away many useful and inspiring ideas. Thanks everybody!

15:58:18 From Nabin Ghimire to All panelists : thank you all panellists

15:58:20 From Julie Reakes : Flipgrids can be made private to other students too if you choose

15:58:20 From Dana Watts : @swabel11 @bowersnoborders @jillbroderick @mraharnett @Orphanannie25 #ISSedu #sciencechat #mathchat #onlinelearning #remoteteaching #virtuallschool

15:58:22 From sherry greenlee to All panelists : I'm so grateful for these webinars- many thanks!

15:58:23 From Tazagul Abdullaeva to All panelists : Thank you all! Great webinar!

15:58:24 From Emanuela Papazisi : Thank you very much from Albania! Emanuela chemistry teacher

15:58:28 From Karel Sousek to All panelists : Thank you from Bolivia!

15:58:28 From Kris Asis to All panelists : Thanks very much, Dana & team!

15:58:28 From María Elena Peyrallo to All panelists : amazin webinar, so informative ! thaks very much

15:58:28 From Nikki Ellwood : Great to hear from "real teachers"! So many webinars not doing that...

15:58:29 From Dana Watts : @swabel11 @bowersnoborders @jillbroderick @mraharnett @Orphanannie25 #ISSedu #sciencechat #mathchat #onlinelearning #remoteteaching #virtuallschool

15:58:31 From AMILYN SAMPANG to All panelists : Thank you for such fruitful discussion and sharing of expertise. God bless and more Power.

15:58:31 From Bikram Thapa : thank you for putting up this effort in this crucial time

15:58:32 From Jeff Goldie : Thanks everyone. Stay safe, stay well.

15:58:33 From Shaini Sudheer : Instead of doing lab activity,which is not possible during current situation,we can show them a video of that lab activity and can ask the students to analysis it for the risk assessment and the prediction and conclusion of that experiment

15:58:33 From Pooja Mohan to All panelists : Thank you so much. Brilliant ideas

15:58:35 From Hiroshi Yokotani to All panelists : Thank you!

15:58:36 From GiONEE GN8001 to All panelists : So great, thank you so much. Highly resourceful.

15:58:36 From Julia Lima : Thank you from Brazil!

15:58:39 From zeina nasif : Thank you this has been so helpful! Much appreciated.

15:58:42 From Mr. Suresh Chaudhary to All panelists : Thank you all panelists for providing us insight.

15:58:44 From June Takacs : Thank you for all the resources! Stay well!

15:58:47 From Juzer Golwala to All panelists : Thank you

15:58:51 From Denie Nunez to All panelists : thank you Dana and to all our panelists for sharing your ideas

15:58:55 From Lydia Akoto-Ayeh to All panelists : Thank you for sharing some great tips on building a community and confidence during this remote learning period

15:58:55 From Julie Reakes : I always get a few ideas from these webinars - thanks!!!

15:58:56 From MERRY GRACE BALLARES to All panelists : thank you for the best practices shared., they're good idea and help

15:58:58 From Bikram Thapa to All panelists : thank you from Nepal

15:59:02 From Roy Reddy : Thank you panelists for such an interesting discussion.

15:59:03 From Lila Paredes to All panelists : Thank you so much for sharing your wisdom and experience.

15:59:06 From Nirmala Krishnan : Thank you so much. Such great teachers!

15:59:07 From Theresa Dickson to All panelists : I've videoed myself doing experiments and shared them with students

15:59:11 From Heather Passons : equitymaps.com (app for iPad that lets you see who is talking and sharing)

15:59:11 From Nazokat Yakubova : I really enjoyed learning different ideas and suggestions!

15:59:11 From Erlynn Campillanos to All panelists : Thank you for the ideas! Watching from Doha, Qatar

15:59:12 From Michele Ruiz to All panelists : Thank you very much. I would love to have a Webinar on teaching Chemistry at the 11th grad and 12thgraders...thank you again...

15:59:14 From Azamat Kubatov Kubatov : Thank you!!

15:59:17 From Mónica Callenbach to All panelists : Thanks and good-bye from NYC!

15:59:22 From Emanuela Papazisi : Yeah hahaha

15:59:23 From Shaini Sudheer : thank you so much

15:59:23 From Vinita Sharma to All panelists : Thank you so much for such an informative webinar

15:59:25 From Jorel Sanchez : Thank you very much for sharing your passion with us.