



**NGCP Webinar Chat Transcript:
Families & STEAM: Strengthening Relationships & Building Partnerships**
April 6, 2022

soniat to Everyone:

Hello from Portland Oregon

Delia Meza to Everyone:

Hello everyone! Pleasure to be here!

Linda Kekelis to Everyone:

Welcome everyone we are so thrilled to have you with us today!

conroyc to Everyone:

Hello, from Forsyth County Georgia

Smirla Ramos to Everyone:

Welcome all! Hi Sonia I am in Portland as well.

Beth joyave to Everyone:

Hello from Cleveland Ohio!

Michelle Green to Everyone:

Hi, I am Michelle Green from WSU 4-H STEM in Seattle area.

arstubb to Everyone:

Hello from Milwaukee

Shucha to Everyone:

Hi Shucha from Boston

Jamie to Everyone:

Hello from Surprise, Arizona!

Emily Tozzi to Everyone:

Hi! Emily Tozzi from Northern Virginia Science Center Foundation from DC Metro area.

Maggie McClain (she/her)- Nauticus to Everyone:

Hi! I am Maggie from Nauticus and the Battleship Wisconsin in Norfolk, VA. I am the Youth and Family Programs Coordinator. When I think of Family engagement, the first

thing that comes to mind is ensuring there is something to catch the interest of both parents and children alike.

Kathy McKay to Everyone:

Hello from a town with a population of 750 in Northern Colorado

Laurie Clark to Everyone:

Hello from The Children's Museum in Bryan, Texas!

Scott Pattison to Everyone:

Hello everyone. Scott Pattison here from TERC. Looking forward to the presentations!

Kata Lucas (she/her) to Everyone:

<https://ngcproject.org/>

Laurie Clark to Everyone:

STEM Activities are a wonderful way for families to enjoy each other. Maggie has a great point, interesting activities for parent & child alike is important!

13:02:32 From Carli Lidiak to Everyone:

Hello from the Mark Cuban Foundation AI Bootcamps!

Martina Efeyini to Everyone:

Hi I'm Martina G. Efeyini Science News Civic Science Fellow in Maryland. I'm interested in engaging with younger audiences, especially those who are historically underrepresented in science using science journalism. Also, I'm a scientist, STEM education advocate who is passionate about supporting the next generation of scientists

Kata Lucas (she/her) to Everyone:

<https://www.ifthenshecan.org/>

<https://theconnectory.org/>

<https://www.fabfems.org/>

Kata Lucas (she/her) to Everyone:

<https://stemnext.org/>

<https://stemnext.org/engaging-families/>

13:06:23 From Marisa Garcia to Everyone:

Welcome everyone!

Janice Crew to Everyone:

Hello from The Museum of Flight in Seattle, WA!

Marisa Garcia to Everyone:

Please feel free to ask questions here in the chat, we will have time for Q&A at end of the session

Marisa Garcia to Everyone:

We will share the slides with everyone who registered

beth joyave to Everyone:

Thank you for sharing these slides!

Marisa Garcia to Everyone:

<https://nysci.org/>

Marisa Garcia to Everyone:

@beth you're welcome!

Marisa Garcia to Everyone:

materials literacy! I love that

i could see this being helpful even with older kids

Linda Kekelis to Everyone:

Delia -- I can't wait to try these ideas and materials with my grand kiddies!

Marisa Garcia to Everyone:

good problem-solving!

Martina Efeyini to Everyone:

I love this. :-)

Kata Lucas (she/her) to Everyone:

Such a great example!

Trinia to Everyone:

Wonderful program!

Marisa Garcia to Everyone:

Right! we all use so many STEM tools everyday, i love the idea of giving families the power to recognize and use the everyday STEM tools in their lives

Marisa Garcia to Everyone:

elevating those everyday STEM tools! love it

Laurie Clark to Everyone:

Wow! What a tasty STEM engagement success!

Martina Efeyini to Everyone:

Thank you Delia for your work! cultural relevancy and science goes hand and hand

beth joyave to Everyone:

What a fabulous memory these families now have!

Irma Torres-Catanach to Everyone:

Wonderful! Building trust is key in building these relationships and these events.

Marisa Garcia to Everyone:

<https://www.terc.edu/>

Marisa Garcia to Everyone:

A quick reminder that you can ask questions for any of our speakers here in the chat. We will have time for Q&A at the end

Linda Kekelis to Everyone:

So great to see your work and research with families with young children, Smirla.

Scott Pattison to Everyone:

It's an honor to work with you, Smirla! Here's more info about the Head Start on Engineering project for those who are interested: <https://www.terc.edu/hse/>

Marisa Garcia to Everyone:

Hello, Scott! Thanks for joining today. We're thrilled to have Smirla sharing about the work of TERC

Scott Pattison to Everyone:

Thanks, Marisa!

Marisa Garcia to Everyone:

well said, Smirla. I appreciate that point about common goals

Marisa Garcia to Everyone:

a creative use of Zoom to collect data! i hadn't thought of that

Linda Kekelis to Everyone:

I appreciate getting ongoing feedback on resources in development. Families often shine a light on program elements that work or need changes. I love hearing your research process, Smirla.

Delia Meza to Everyone:

that's great to support parents during the entire experience!

Marisa Garcia to Everyone:

authentic involvement of families in research seems so important. Thank you for sharing some ways you do this at TERC

Irma Torres-Catanach to Everyone:

How do you engage public school systems, particularly middle or high schools, to engage families in STEM - beyond the one STEM night a year? Thank you.

Michelle Green to Everyone:

I have seen the statistic that 95% of lifelong learning happens OUTSIDE the classroom. Informal learning and experiences have a huge impact.

Kata Lucas (she/her) to Everyone:

Thank you, Irma. Passing your question along.

conroyc to Everyone:

Thank you! This was a great webinar :)

Shucha to Everyone:

That was a great question!

Martina Efeyini to Everyone:

This was a great webinar!

Rachel Harrington-Nauticus to Everyone:

Some parents feel what their middle/high schoolers are learning is more advanced than their own learning skills so an activity that allows the kids to "teach" the parents is a fun role reversal

Marisa Garcia to Everyone:

good point, Rachel!

Kata Lucas (she/her) to Everyone:

Great question, Martina!

Smirla Ramos to Everyone:

<https://www.childtrends.org/>

Kata Lucas (she/her) to Everyone:

<https://www.informalscience.org/>

Jamie to Everyone:

love the idea of using familiar tools like the tortilla press!

Marisa Garcia to Everyone:

highlighting everyday STEM tools

Aniyah Syl to Everyone:

discuss ways to incorporate diverse backgrounds into our programs - Learned wonderful examples today

soniat to Everyone:

Build relationships with families in our community

Janice Crew to Everyone:

Setting up some family conversation nights with our student's families.

Jenni Gordon Peoria Library to Everyone:

Using familiar tools, connecting things families use already with new science ideas

Michelle Green to Everyone:

I am working on a training for our families and educators about informal learning and why it is important

Maggie McClain (she/her)- Nauticus to Everyone:

We really liked materials literacy! Can empower more STEM exploration when you know you have the materials in your own home.

Irma Torres-Catanach to Everyone:

I will make connections with one of our grant partners, Upward Bound, to think about a project to build family engagement at one high school

Jennie Mathur to Everyone:

Not looking to fill gaps when it comes to working with families

Martina Efeyini to Everyone:

checking out the resources that were just recommended to me and finding ways to gain youth voice and using more science news media literacy in my work

Kathy McKay to Everyone:

I love doing the FrankenToy idea. Appropriate for all ages, abilities and cultures.

Linda Kekelis to Everyone:

Please keep in touch and share what you are doing and learning in family engagement.

Shucha to Everyone:

Thinking of how we can build a platform that can bring families together cross the countries to improve youth STEM education

Martina Efeyini to Everyone:

A fantastic webinar! Thank you all

Linda Kekelis to Everyone:

Martina -- we are happy you could attend and appreciate you asking your question.

Trinia to Everyone:

Creating programs in the library that engage families with STEAM. Instead of focusing a specific demographic, like teens. Thank you, informative & resourceful

Kata Lucas (she/her) to Everyone:

Survey: <https://forms.office.com/r/FrKxJ0ErP8>

Martina Efeyini to Everyone:

Thank you Linda!

Maggie McClain (she/her)- Nauticus to Everyone:

Thanks so much!

Irma Torres-Catanach to Everyone:

thank you!

soniat to Everyone:

Thanks!

Janice Crew to Everyone:

Thank you very much! Very insightful

Scott Pattison to Everyone:

Great presentations. Thank you all!

Aniyah Stubblefield to Everyone:

Thank you!

Hannah McCurrin to Everyone:

Thank you so much! This was wonderful!

Rachel Harrington-Nauticus to Everyone:

Thank you!