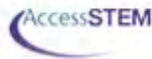


Welcome to the NGCP National Webinar

**Brite 2021: Sharing Strategies and Learnings from an
Online Summer STEM Program for Girls**

Tuesday, October 19, 2021

Please respond to the poll and introduce yourself in the chat.
Use the chat to ask questions, respond to one another, and share resources.



NGCP Vision

The vision of the National Girls Collaborative Project is to **support and create STEM experiences that are as diverse as the world we live in.**



OUR GOALS

1

Maximize access
to shared resources
within projects, and
with public and
private sector
organizations and
institutions

2

Strengthen capacity
of existing and
evolving projects by
sharing exemplary
practice, research,
and program models,
outcomes, and
products.

3

Create the tipping point
for gender equity in
STEM by using the
leverage of a network
and the collaboration of
individual girl-serving
STEM programs

NGCP Activities



Leap
into
science
— Engineered by —
THE FRANKLIN INSTITUTE



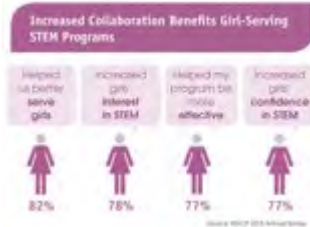
 **YOUTH**
ADVISORY BOARD

 **THE**
CONNECTORY



MILLION GIRLS MOONSHOT

IF/THEN[®]
Collection



 **FabFems**

National Network of Collaborative Teams



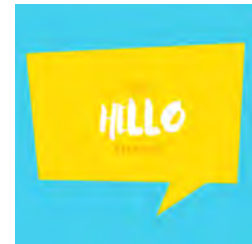
NATIONAL GIRLS COLLABORATIVE PROJECT

Brite 2021: Program Basics

- Two-week summer program for girls 13-16
- Interaction and learning with diverse role models
- Authentic, hands-on learning experiences with real world application

Program Goals:

- Foster STEM identity: belief in self, image, and ability
- Foster STEM agency: decision-making about STEM
- Build a community of girl learners and a support network among them
- Spark curiosity and creativity



Speakers



Jessica Hernandez

Milwaukee School of Engineering
(MSOE)

Isabella

Student with MSOE Brite
program




Jennifer Hartsell Stockdale

Educator with Williamson County 4-H



Rinaz

Student and Youth Educator with
Williamson County 4-H



MSOE Brite Small Group Experience, Strategy and Tips

NGCP WEBINAR - BRITE 2021

Strategies for Online Facilitation

- MS Teams group orientation
- Held no expectations around activities and collaborative discussions
 - Encourage community and self-care
- Made Edmodo small group page the primary information source.
 - Treated our small group page like a social media page
 - Reposted details on activities
 - Reinforced the idea that the small group page was *OUR* page to connect and share.
- Participated in Flipgrid activities
- Asked for Girls' feedback

Typical Edmodo Small Group Agenda Post



Ms. (MSOE) posted to **MSOE STEM - Milwaukee** ... More
Teacher - Milwaukee School of Engineering (MSOE)
Jul 20 · 11:24 AM · 📎

Day 6: Tuesday, July 20

Icebreaker: *The Joys and Challenges of Quarantine Icebreaker*

- In your Brite Group, you shared one joy and one challenge that came about during the past year of quarantine.
- Now, record a short video of your memory to Flipgrid.
- Remember to respond to posts from other girls in the Brite community!

Brite Talk with Dorothy Tovar

Show more ▾



Brite Talk with Dorothy Tovar

- Zoom link: <https://us02web.zoom.us/j/83441653377?pwd=OHBQVHV6NkpUQTJmaHg3cUR0MFVVGQT09&from=addon>
- Meeting ID: 834 4165 3377 Passcode: 106679
- Dorothy studies microbiology and immunology.
 - Watch Dorothy's *If/Then Ambassador video*, link is https://ifthen.widen.net/view/video/dxtkb1pqri/EPK_IfThenSummit_DorothyTova_Video-1_jw_V2.mp4?t.download=true&use=sz4wac01&x.portal_shortcode_generated=4gdymsmw&x.app=portals
 - Read or listen to Dorothy's interview with the Association for Science and Technology Centers: audio link is https://www.astc.org/wp-content/uploads/2020/04/Dorothy_Tovar_QandA_edited.m4a ; article link is <https://www.astc.org/astc-dimensions/qa-with-dorothy-tovar/>

Independent Activity: Public Service Announcement

- Today you will research a common virus and record a public service announcement (PSA) to inform people of the best ways to prevent the spread.
- Use the National Foundation for Infectious Diseases webpage to research a disease of your choice.
- Record and upload your PSA to Flipgrid.
- Your PSA should include:
 - 1 fact about transmission (how people get infected)
 - 2 strategies to prevent or slow the spread
 - 1 message of hope for the community

Prepping for and Debriefing Role Model Experiences

- The Brite Educator Guide (along with the regular NGCP Edmodo postings) provided us with the structure needed to prepare for our role models.
- Prep also took the form of daily agenda postings prior to start time. By Week 2, after receiving feedback, the class had a daily breakdown of the week e-mailed in advance.
[See Next Slide]
- No formal debriefing was done.

Part of Week 2 Overview E-mailed to Class

BRITE: Welcome Back for Week 2!



Hernandez, Jessica
To: [redacted]
Cc: Meyer-Steinhilber, Jenna

Reply Reply All Forward

Sun 7/18/2021 11:32 PM

You replied to this message on 7/20/2021 3:46 PM.



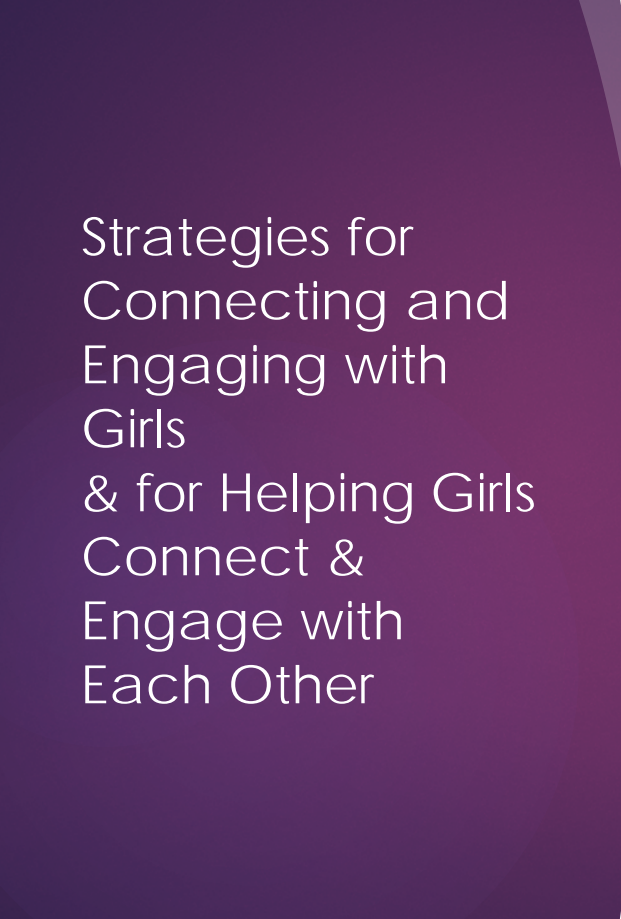
WEEK 2 OVERVIEW: DREAM BIG, TAKE RISKS

THEME:


This week's theme is "Dream Big, Take Risks." This week will feature role models and activities that introduce you to audacious careers in STEM. (Just in case, "audacious" means "showing a willingness to take surprisingly bold risks.") This week we ask the question, "What risks are you willing to take for the sake of science?" and learn exactly what current female leaders are risking in pursuit of knowledge, passion and career.

DAILY BREAKDOWN:

MONDAY July 19	<ul style="list-style-type: none">• 11:55 AM – 12:05 PM Log-in (Teams meeting link)• 12:05 – 12:10 PM Introduction to the week• 12:10 – 12:30 PM Icebreaker Activity: <i>Water Babies</i> (Create your own Flipgrid post for the Icebreaker Activity during the break from 12:45 – 1PM.)• 12:30 – 12:45 PM <ul style="list-style-type: none">▪ Prepare for BriteTalk with speaker Leslie Townsell, Leslie's research explores the impacts of climate change on oyster aquaculture along the Georgia coast.<ul style="list-style-type: none">◦ Watch this Video: How Oysters Keep Oceans Clean Mission Unstoppable◦ Browse Leslie's professional website: https://leslietownsell.wixsite.com/mysite▪ Introduce the correlating Independent Activity: <i>The Ocean Game</i>. (Create your own Flipgrid post for the Independent Activity after BriteTalk. If you wish, rejoin Teams meeting anytime from 2:00 – 3:00 PM for help, to collaborate with others, or to work in solitude.)▪ Go over Flipgrid and how to post. Username format: <first name><last name initial>_msoe (Ex. Jane Dallas would be janed_msoe)• 12:45 – 1:00 PM Break! (Create your Flipgrid post for Icebreaker Activity)• 1:00 – 2:00 PM BriteTalk with speaker Leslie Townsell (Zoom meeting link Meeting ID: 829 8710 8966 Passcode: 862561)• 2:00 – 3:00 PM Independent Activity: <i>The Ocean Game</i> (Record a reaction video to the Independent Activity on Flipgrid.)• Coming Up Tomorrow You will meet Dorothy Tovar tomorrow. Dorothy studies microbiology and immunology.<ul style="list-style-type: none">◦ Watch Dorothy's If/Then Ambassador video.◦ Read or listen to Dorothy's interview with the Association for Science and Technology Centers:<ul style="list-style-type: none">▪ Article Q&A with Dorothy Tovar; Recording Audio of the interview
TUESDAY July 20	<ul style="list-style-type: none">• 11:55 AM – 12:05 PM Log-in (Teams meeting link)• 12:05 – 12:15 PM Icebreaker Activity: <i>The Joys and Challenges of Quarantine</i> (Create your own Flipgrid post for the Icebreaker Activity during the break from 12:45 – 1PM.)• 12:15 – 12:45 PM



Strategies for
Connecting and
Engaging with
Girls
& for Helping Girls
Connect &
Engage with
Each Other

- 
- **Fill your own cup** first before filling others.
 - **Be real.** Revel who you are, your interests, and your values.
 - **Treat your Girls as equals**, because they are.
 - **Learn who your Girls are.** Listen (really listen) and ask them questions. [See Next Slide]
 - **Don't be afraid to go off-script.** Some of our greatest bonding moments were also some of our most vulnerable moments. All emotions are valuable.
 - Do the Flipgrid activities (do them), watch and comment on the Girls' videos, highlight their strengths; **learn about your Girls!**

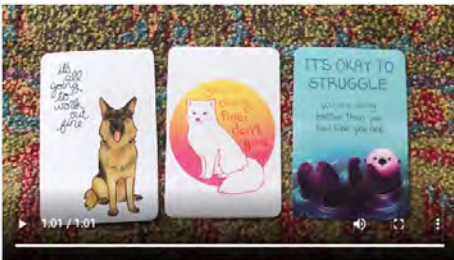
Examples of My Personal Edmodo Shares

Ms. (MSOE) posted to MSOE STEM - Milwaukee ...
Teacher · Wisconsin, US
Jul 20 · 9:51 AM

Self-Care Card Pull

When you hear the word "boundaries", what comes to mind? Maybe the boundaries between states and countries? Maybe the tape line down the middle of your room that separates your side of the bedroom from your brother's (I know I did this when I was younger)? What about boundaries between friends or people you just met? For some of us, it's hard to say "No," but that's one of the most important lesson we learn - learning about where we draw OUR OWN boundaries. (Because, no one has got time for haters and nay-sayers!)

Here's today's card pull!



1:01 / 1:01

Like · 1 Comment · Share

Isabella H MSOE
these are adorable!
Like · Reply · Jul 20, 2021, 12:00 PM

Write a comment...

Self-Care Reflection Topic

Fun Animal Deck Self Care Card Pull

Ms. (MSOE) posted to MSOE STEM - Milwaukee ...
Teacher · Milwaukee School of Engineering (MSOE)
Jul 21 · 10:28 AM

I just had to share! Beautiful finger-waves! #hair_love

Attachment
vtt.tiktok.com

1 Like · 4 Comments

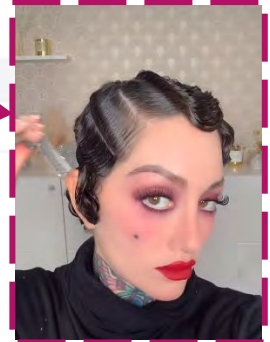
Isabella H MSOE
the betty boop vibes
1 Like · Reply · Jul 21, 2021, 12:04 PM

Annie MSOE
why is that so satisfying XD
1 Like · Reply · Jul 21, 2021, 12:47 PM

Ms. (MSOE)
That's so funny you would say Betty Boop. I was going to bring her up in class the other day but wasn't sure if guys knew who that was.
Like · Reply · Jul 21, 2021, 4:27 PM

Ms. (MSOE)
satisfying, yes, why, no clue, but I want it on my head!
Like · Reply · Jul 21, 2021, 4:41 PM

Write a comment...



Sharing my appreciation of beautiful hair

Examples of Girls Personal Edmodo Shares

Ariana B. MSOE posted to MSOE STEM - Milwaukee ...
More
Jul 13 - 12:40 PM

Why Me? - Ariana - Wattpad
www.wattpad.com

1 Like 2 Comments

Ariana sharing her first book draft July 13!

Ariana B. MSOE posted to MSOE STEM - Milwaukee ...
More
Jul 15 - 12:39 PM

Hi I wanted to ask Annie, Maia or Annie if they wanted to be friends cuz I think they're really cool!

1 Like 2 Comments

Ariana B. MSOE
molly d. Annie M. Maia M.
Like Reply Jul 15, 2021, 12:40 PM

Ariana B. MSOE
Azul H. Theresa M.
Like Reply Jul 15, 2021, 2:22 PM

Write a comment...

Ariana reaching out July 15 to connect with others!

Annie MSOE posted to MSOE STEM - Milwaukee ...
Jul 22 - 9:27 AM

Hey y'all! So I wanted to ask again about the short film thing! I've got a few responses, but I can't really write a script with all the characters if I don't have them all XD So please please please let me know and fill out the questions if you would like to be a part of this project!! (<https://new.edmodo.com/post/820638128>) I'm so excited to continue working with everyone after BRITE!! (Also, legal adults are totally allowed!!) P.S Please put your phone number if you're comfortable!! I would love to make a group chat for all of us!

2 Likes 2 Comments Share

Maia MSOE
Hey!! I act a little. I think I have your number. Feel free to text me about it!
Like Reply Jul 22, 2021, 12:06 PM

Annie MSOE
)
Like Reply Jul 22, 2021, 12:18 PM

Annie starting a short film project and getting interested parties!

Facilitating connections, highlighting strengths and suggesting a collaborative project

2021
Brite



JENNIFER HARTSELL STOCKDALE
WILLIAMSON COUNTY TENNESSEE 4-H



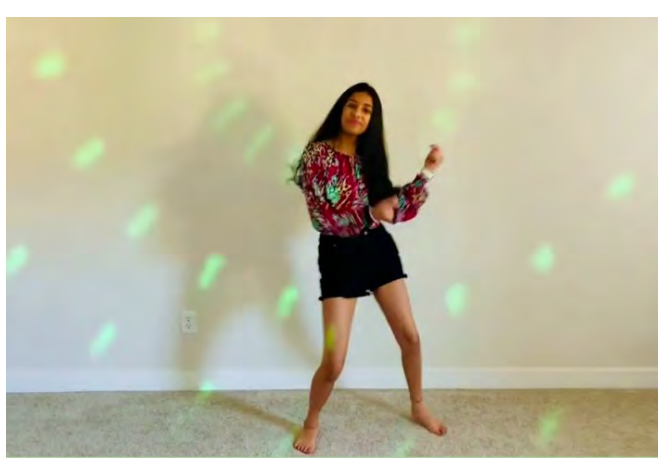
WILLIAMSON COUNTY
4H EXTENSION
INSTITUTE OF AGRICULTURE
THE UNIVERSITY OF TENNESSEE



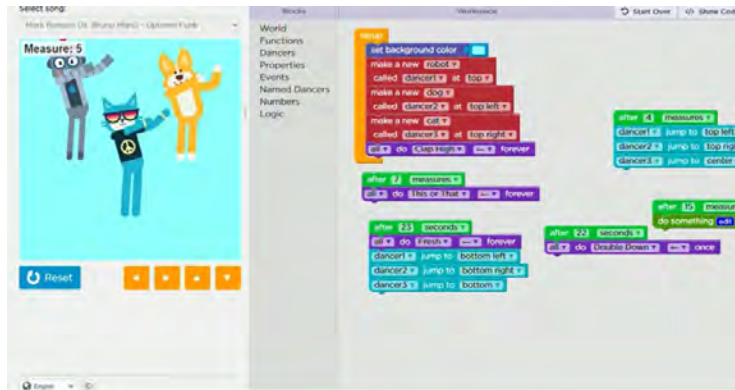
- 20 girls
- 3 added from word of mouth after we started



Impana D.



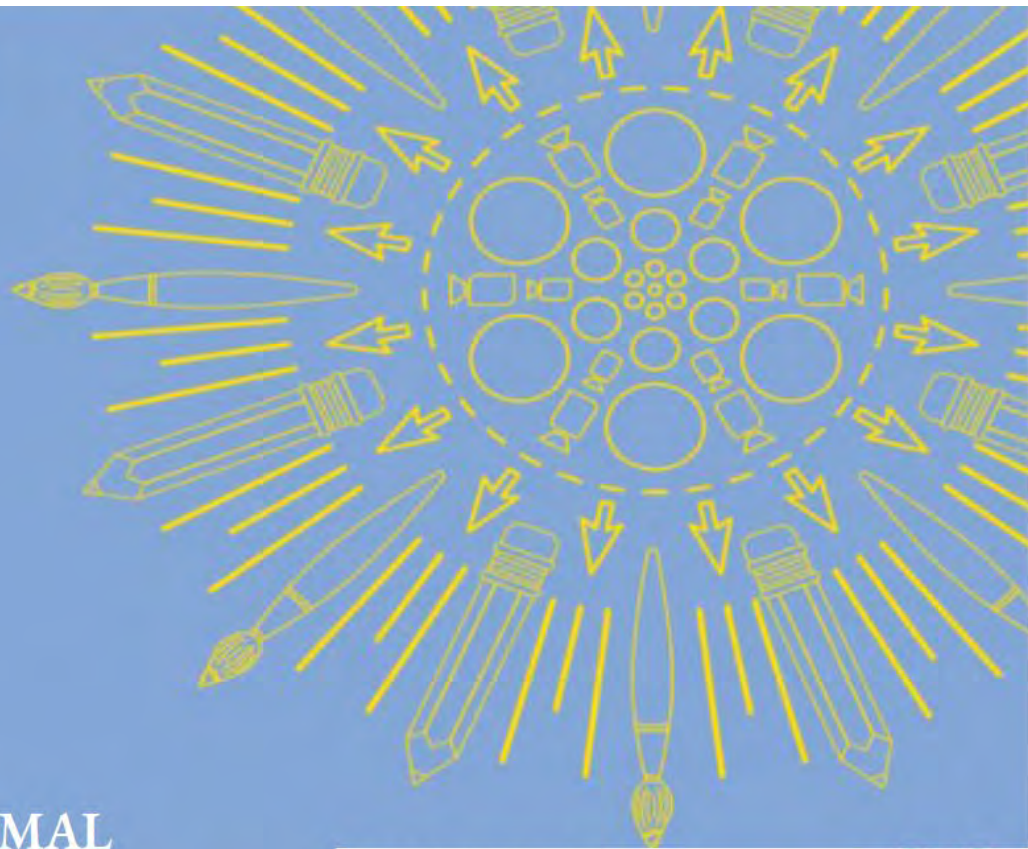
Muskaan M.



Loozala K.



2021
Brite



RINAZ JAMAL

WILLIAMSON COUNTY TN 4-H

WILLIAMSON COUNTY
4-H EXTENSION
INSTITUTE OF AGRICULTURE
THE UNIVERSITY OF TENNESSEE



18 6802 1001



Yamilée Toussaint Beach



Nicole Stott



Munira Tayabji



Mariel Robles



Leslie Townsell



Dorothy Tovar



Amanda Sullivan



Jess Phoenix



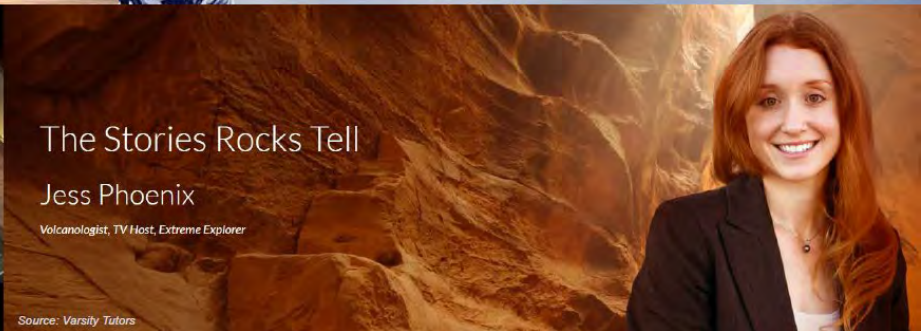
Source: Space.com



Source: Wondrium



Source: The Verge



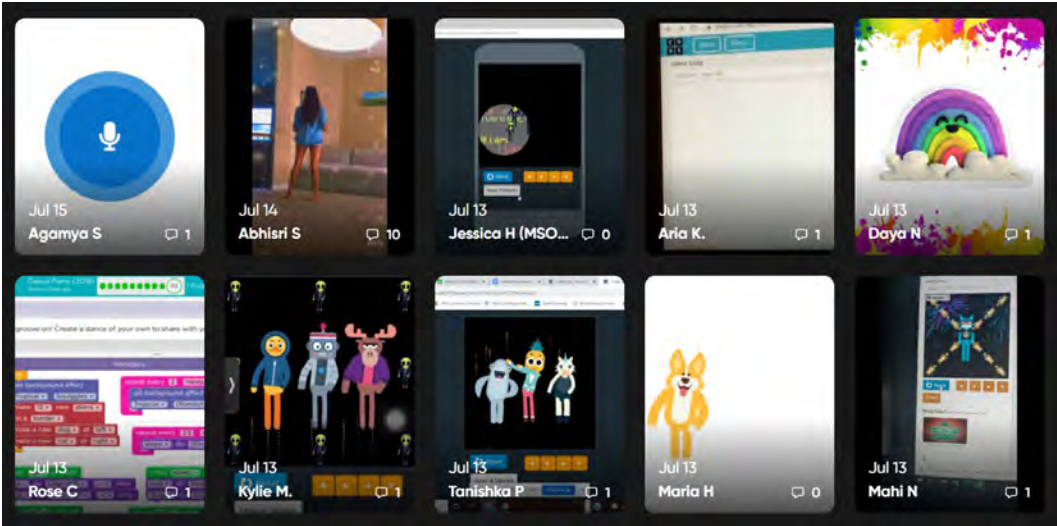
The Stories Rocks Tell

Jess Phoenix

Volcanologist, TV Host, Extreme Explorer

Source: Varsity Tutors

Panel and Q & A



Action Item

What strategy or lesson learned will you apply to your own programming?



Upcoming NGCP Events



**Hosting 'Girls STEAM Ahead with NASA' events:
Tips on using free NASA resources**
November 3, 2021 at 11:00am Pacific / 2:00pm Eastern

**Innovative Strategies from the Field:
Leveraging the IF/THEN® Collection**
November 8, 2021 at 11:00am Pacific / 2:00pm
Eastern

