

Pre-Chat



NW Iowa STEM Region @NWlowaSTEM · Dec 9

How are educators implementing Scale-Up Programs in their classrooms during shifting learning formats? Join @lowaSTEM's next Twitter chat to find out! Our #IASTEMChat is happening Thursday, December 10 at 7pm, mark your calendar now . zcu.io/1AMm



SE Iowa STEM Region @STEM_SE_Iowa · Dec 9

How are educators implementing Scale-Up Programs in their classrooms during shifting learning formats? Join @lowaSTEM's next Twitter chat to find out! Our #IASTEMChat is happening TOMORROW, December 10 at 7pm, mark your calendar now

HOW TO

- In Twitter, follow @lowaSTEM
- Use the reply icon to answer.
- Use A1, A2, A3, A4 in your answer so we know which Q1-4 you are answering.
- Tag all tweets with #IASTEMchat
- Hashtag your grade level and subject #elem #MS #HS

TOPICS

- How have you adapted your 2020-21 Scale-Up Program for this extraordinary academic year and what program is it?
- For educators scaling a STEM program at home, school, informal educational settings or in hybrid mode, what are some tips you can offer others in similar circumstances?
- How can STEM Scale-Up Program providers better assist you with program implementation?
- Finally, please offer some advice to the STEM Council:



Iowa STEM @lowaSTEM · Dec 10

Join us TONIGHT for our next #IASTEMChat! Joining is easy, here's what you do

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Tanya Hunt @TanyaHu0907 · Dec 10

Excited to hear how our amazing Iowa educators are still making the most of their Scale-Up awards tonight! [#IowaSTEM](#) [#IASTEMchat](#)

Iowa STEM @IowaSTEM · Dec 10

Join us TONIGHT for our next #IASTEMChat! Joining is easy, here's what you do 📢

GREATNESS FROM IOWANS

GOVERNOR'S STEM ADVISORY COUNCIL
dedicated to building a strong STEM education foundation for all Iowans

Live Twitter Chat - Thursday, December 10 at 7:00 PM
 "Adapting STEM Scale-Up for 2020 Learning Environments"

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Science_is_US @Science_Is_US · Dec 10

@IowaSTEM is hosting [#IASTEMChat](#) event "Adapting STEM Scale-Up for 2020 Learning Environments" tonight at 7pm CT

[#STEM](#) [#STEMeducation](#) [#Iowa](#)

Iowa STEM @IowaSTEM · Dec 10

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SE Iowa STEM Region @STEM_SE_Iowa · Dec 10

The [#IASTEMCHAT](#) is happening in 1 hour! Jump on Twitter @IowaSTEM to join in the discussion on how educators are implementing Scale-Up Programs in their classrooms during challenging times?

Iowa STEM @IowaSTEM · Dec 10

Join us TONIGHT for our next #IASTEMChat! Joining is easy, here's what you do 📢

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Iowa STEM @IowaSTEM · Dec 10

[#IASTEMchat](#) will begin in 5 minutes!

Introductions



Iowa STEM
@IowaSTEM

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Welcome to the [#IASTEMchat](#)! Our goal today is to connect STEM educators and communities for sharing ideas and resources that strengthen STEM learning experiences for all Iowans. Reply to this tweet and introduce yourself and share your role in ed.

7:00 PM · Dec 10, 2020 · TweetDeck



SC Iowa STEM Region @SC_Iowa_STEM · Dec 10

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Hi everyone! I'm Sarah Derry, South Central STEM Region Manager. Looking forward to learning with you tonight. [#IASTEMchat](#)



Tanya Hunt @TanyaHu0907 · Dec 10

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Hello everyone! I am Tanya Hunt, Project Coordinator with the Governor's STEM Advisory Council. Looking forward to our conversation. [#IASTEMchat](#)



NE Iowa STEM Region @NE_IA_STEM · Dec 10

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Hello, this is Jeff Beneke representing the Northeast Iowa STEM region. [#IASTEMchat](#)



Donovan Hill @STEMbluejay · Dec 10

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I am Donovan Hill and I am the career readiness teacher leader at Bondurant Farrar



Tanya Hunt @TanyaHu0907 · Dec 10

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Hi Donovan! Glad you could join us! [#STEMBESTPartner](#)



Tracy Ferguson @TracyFergusonVM · Dec 10

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[#elem](#) 2nd grade [#IASTEMchat](#)



SC Iowa STEM Region @SC_Iowa_STEM · Dec 10

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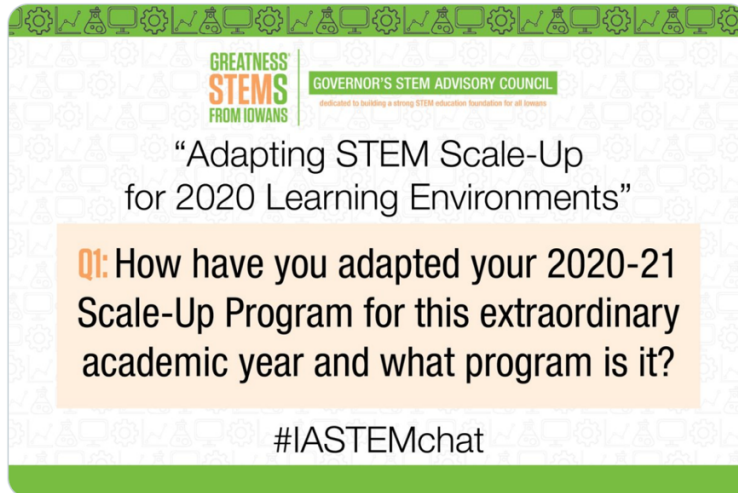
Hi Tracy! Glad to see you on!



Q1: How have you adapted your 2020-21 #ScaleUp Program for this extraordinary academic year and what program is it?



Q1: How have you adapted your 2020-21 [#ScaleUp](#) Program for this extraordinary academic year and what program is it? [#IASTEMchat](#)

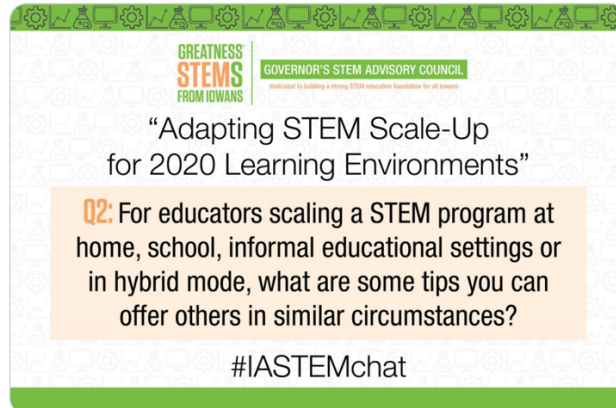


- Donovan Hill** @STEMbluejay · Dec 10
I have had the benefit that the STEM Scale Up has modified to work with me and others. [#STEMInnovator](#)
- SC Iowa STEM Region** @SC_Iowa_STEM · Dec 10
Hi Donovan! What modifications were made? (Tricky in 120 characters, I know 😊) [#IASTEMChat](#) [#STEMInnovator](#)
- Tracy Ferguson** @TracyFergusonVM · Dec 10
A1: I have began each unit with one of the awesome books that were included in our Pint Size Program. I have used Zoom for these activities with my distance learner. [#elem](#) [#IASTEMchat](#)
- Heidi H.** @warhamster52 · Dec 14
I held my sound class outside in a park, which let us distance and get LOUD. I also liked the sound book from Pint Size Science. I am practicing with the GoPro camera from Homes & Habitats so I feel confident in the spring. [#elem](#) [#outreach](#) [#IASTEMChat](#)

Q2: For educators scaling a STEM program at home, school, informal educational settings or in hybrid mode, what are some tips you can offer others in similar circumstances?



Q2: For educators scaling a STEM program at home, school, informal educational settings or in hybrid mode, what are some tips you can offer others in similar circumstances? [#IASTEMchat](#) [#ScaleUp](#)



- Tanya Hunt** @TanyaHu0907 · Dec 10
I think a true testament to educators everywhere is shared learning right along with their students. It is a valuable lesson for all to see someone be brave and attempt something new and fail forward, learning at it's best! Creating and shaping future Innovators! [#IASTEMchat](#)
- Donovan Hill** @STEMbluejay · Dec 10
Agreed [@TanyaHu0907](#) it is powerful to show yourself that vulnerable but easier to say than done especially when most educators already feel that few things are under their control at this time.
- Tracy Ferguson** @TracyFergusonVM · Dec 10
A2: My school has been in person learning since Aug.I have one S who chose to stay at home.STEM is a daily literacy station I have in my class.We Zoom everyday w/ this student to be involved with these lessons. He may not have the materials at home, but he can still collaborate.
- Heidi H.** @warhamster52 · Dec 14
A2: As an outreach educator, for Zoom activities, I have gone back to my 70s childhood for ideas about how I played without technology when I was home indoors. STEM-based magic tricks was a big hit. [#elem](#) [#outreach](#) [#IASTEMChat](#)
- Donovan Hill** @STEMbluejay · Dec 10
Difficult to answer as every scale up is different. Some include hands on manipulative, maybe the teacher can make videos of the activities. Or possibly send the manipulative home to kids
- Donovan Hill** @STEMbluejay · Dec 10
Mine could be done easily from a distance and it was for HS and that allows for more flexibility than an elementary one I feel [#STEMInnovator](#)
- Donovan Hill** @STEMbluejay · Dec 10
Or hands on activities in school and reflection questions or responses on home days

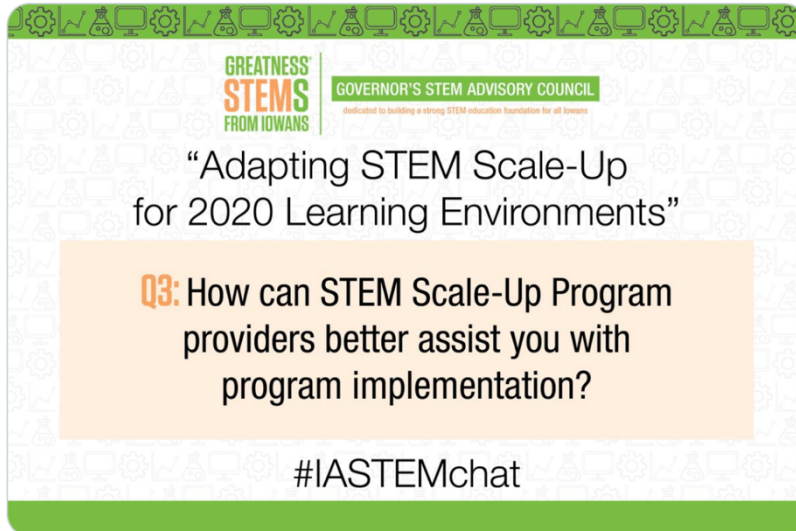
Q3: How can STEM #ScaleUp Program providers better assist you with program implementation?



Iowa STEM
@IowaSTEM

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Q3: How can STEM #ScaleUp Program providers better assist you with program implementation? #IASTEMchat



Donovan Hill @STEMbluejay · Dec 10

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It would be extremely helpful to have STEM Scale Ups do some modeling of how teachers can handle the process from a distance when having check ins with educators. On that note I think it is nice when Scale Ups have periodic check ins, they can be cumbersome but beneficial



Tracy Ferguson @TracyFergusonVM · Dec 10

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A3: Could there be possible Mentor Positions, where we could go to other districts to assist Scale-Up awardees implement their supplies/tools? I know 2020 is not the best year for this, but maybe in the future? #elem #IASTEMchat



Heidi H. @warhamster52 · Dec 14

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A3: Keep providing avenues for sharing and inspiring each other. I really like the Pint Size Science pictures and then idea sharing in comments on their FB page. #elem #outreach #IASTEMChat



Tracy Ferguson @TracyFergusonVM · Dec 10

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A3: It would also be helpful to have informal Zoom meetings to collaborate with other teachers in our grade levels. I loved seeing how @JoliePelds used her GoPro during our summer sessions. #elem #IASTEMchat



Donovan Hill @STEMbluejay · Dec 10

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Another powerful tool that strengthens the community created by the training for the Scale Up!



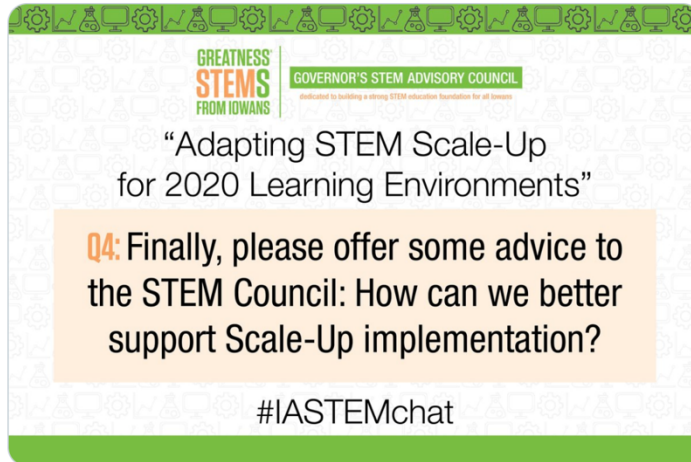
Q4: Finally, please offer some advice to the STEM Council: How can we better support #ScaleUp implementation?



Iowa STEM
@IowaSTEM

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Q4: Finally, please offer some advice to the STEM Council: How can we better support [#ScaleUp](#) implementation? [#IASTEMchat](#)



Tanya Hunt @TanyaHu0907 · Dec 10

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Always here to support the amazing work of our Educators throughout Iowa. Please let us know how we can better serve you and thank you for all you are doing! [#IASTEMchat](#)



Donovan Hill @STEMbluejay · Dec 10

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Having grace is an important thing because as long as the educators are doing their best to implement then that will be more help then you can imagine. That being said making sure that they are connected to other educators as well as their Scale Up provider will go a long ways.



Tracy Ferguson @TracyFergusonVM · Dec 10

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A4: I feel completely supported! Thank you Iowa STEM for everything. <3



Heidi H. @warhamster52 · Dec 14

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A4: Great job transitioning our summer trainings. Help with examples for online teaching practices - managing tech and lessons and students and emotions and ... [#elem](#) [#outreach](#) [#IASTEMChat](#)



Conclusion



Iowa STEM
@IowaSTEM

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Educators, feel free to join our Educator Facebook Group to continue the conversation.

facebook.com/groups/IowaSTEMchat #IASTEMchat



Facebook Groups

Iowa STEM Educators has 128 members. This group was created by the Iowa Governor's STEM Advisory Council for ...
facebook.com

8:01 PM · Dec 10, 2020 · TweetDeck