

## Pre-Chat



Iowa STEM  
@IowaSTEM

Join us back here tonight at 7pm for our [#IASTEMChat](#)! Our goal is to connect educators to share ideas and resources about teaching pandemic lessons in the classroom to help strengthen STEM learning for Iowans. See you tonight!

dedicated to building a strong STEM education foundation for all Iowans

### Live Twitter Chat - Thursday, February 11 at 7:00 PM

"Incorporating Pandemic Lessons in STEM Learning Environments"

<b>HOW TO</b>	<b>TOPICS</b>
In Twitter, follow @IowaSTEM	Are you using COVID as a teaching topic in the STEM classroom? Why or why not?
Use the reply icon to answer.	In what subjects have you used COVID as a teachable moment and how?
Use A1, A2, A3, A4 in your answer so we know which Q1-4 you are answering.	How receptive are students to learning about STEM subjects through the lens of COVID?
Tag all tweets with #IASTEMchat	What challenges do you face with using the pandemic as a teaching tool and how can the STEM Council help?
Hashtag your grade level and subject #elem #MS #HS	
Hit refresh often to see new posts.	

GOAL: To connect STEM educators and communities for sharing ideas and resources that strengthen STEM learning experiences for all Iowans.

2:00 PM · Feb 11, 2021 · Falcon Social Media Management



NC STEM Hub  
@NC\_Iowa\_STEM

Join tonight's twitter chat at 7pm to discuss "Incorporating Pandemic Lessons in the STEM Classroom". Follow [@IowaSTEM](#) and tag tweets [#IASTEMchat](#)

dedicated to building a strong STEM education foundation for all Iowans

### Live Twitter Chat - Thursday, February 11 at 7:00 PM

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GOAL: To connect STEM educators and communities for sharing ideas and resources that strengthen STEM learning experiences for all Iowans.

4:15 PM · Feb 11, 2021 · Buffer



Iowa STEM  
@IowaSTEM

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

6:55 PM · Feb 11, 2021 · TweetDeck

# Introductions



**Iowa STEM**  
@IowaSTEM

...

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 · Feb 11, 2021 · TweetDeck



**NW Iowa STEM Region** @NWlowaSTEM · Feb 11

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Replying to [@IowaSTEM](#)

Mary Trent, NW STEM



**NC STEM Hub** @NC\_Iowa\_STEM · Feb 11

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Replying to [@IowaSTEM](#)

Kelly Bergman, Manager with the North Central STEM Region here! Looking forward to hearing from Iowa educators



**Burke Swenson** @BurkeSwenson · Feb 11

...

Replying to [@IowaSTEM](#)

Burke Swenson - Lewis Central Middle School STEM instructor



**Tanya Hunt** @TanyaHu0907 · Feb 11

...

Replying to [@IowaSTEM](#)

Tanya Hunt, Project Coordinator with The STEM Advisory Council. Supporting our statewide STEM BEST Program.



**nepris** @neprisapp · Feb 11

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Replying to [@IowaSTEM](#)

Hi there! We're Nepris, an ed tech platform that connects students across the US w/ industry professionals during live, virtual chats. Here to bring career exposure to the classroom & answer any Qs anyone has!



**Robin West** @RobinNWest13 · Feb 11

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Replying to [@IowaSTEM](#)

Robin West, high school computer science teacher and Information Solutions PLC lead learner



**Amanda Holsclaw** @amanda\_holsclaw · Feb 11

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Replying to [@IowaSTEM](#)

Amanda Holsclaw with Nepris. We are one of the Scale Up STEM Program Partners. Honored to be a part of this program.





**Jodi Morgan-Peters** @quincemama · Feb 11

...

Replying to @IowaSTEM

Is anyone else teaching about Covid?



**Jeff Weld** @JdWeld · Feb 11

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Replying to @IowaSTEM

A1 Big topic -- can't wait to see where it goes! Jeff Weld, director, Gov's STEM Advisory Council #IASTEMchat

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**Jodi Morgan-Peters** @quincemama · Feb 11

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I supplied an answer to A1- not sure what the protocol is for this session. Is there a moderator?

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**Tanya Hunt** @TanyaHu0907 · Feb 11

...

Welcome Jodi! No moderator, just relaxed engagement 🤗. Thanks for joining us. 3 additional questions will come up in the feed. Feel free to engage through comment thread as well.



**Jodi Morgan-Peters** @quincemama · Feb 11

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Replying to @IowaSTEM

Jodi Morgan-Peters, HS biomedical science and biology teacher. #iaSTEM#hs

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**Jodi Morgan-Peters** @quincemama · Feb 11

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We are also STEM Best award recipients- thanks!!!

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**Tanya Hunt** @TanyaHu0907 · Feb 11

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👏👏👏 #STEMBESTPartners are the best! 🤗



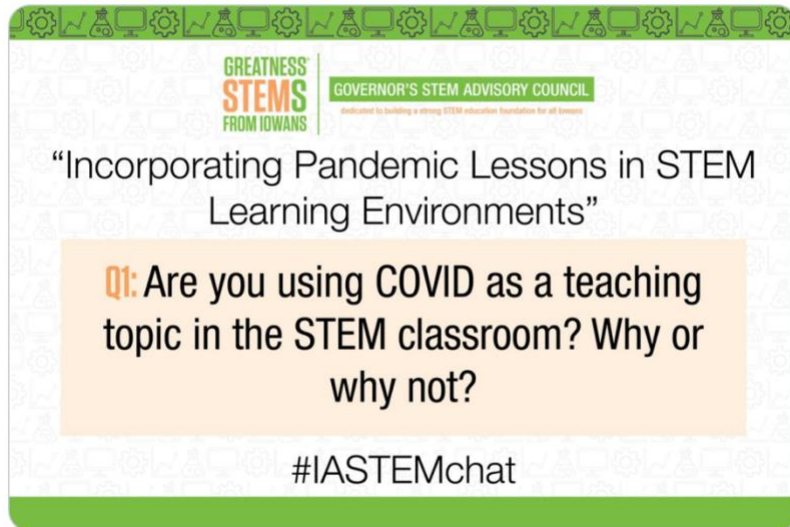
# Q1: Are you using COVID as a teaching topic in the STEM classroom? Why or why not?



Iowa STEM  
@IowaSTEM

...

Q1: Are you using COVID as a teaching topic in the STEM classroom? Why or why not? #IASTEMchat



7:05 PM · Feb 11, 2021 · TweetDeck



NW Iowa STEM Region @NWIowaSTEM · Feb 11

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Replying to @IowaSTEM

One of our presenters in our upcoming Nontraditional STEM Careers festival is explaining antibodies and viruses !



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Tanya Hunt @TanyaHu0907 · Feb 11

...

Replying to @IowaSTEM

A1 Recently heard students from @WaukeeAPEX present on their experiences and interest in healthcare and biosciences. When asked if the Pandemic deferred their interest both replied no, in fact, only fueled them to do more! Impressive perseverance in our future! #STEMBEST



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Burke Swenson @BurkeSwenson · Feb 11

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Replying to @IowaSTEM

A1: I have not as it is such a lightning rod topic - so easily seen as political. We have touched on how sanitizers work and the like, but not COVID as a unit.



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Amanda Holsclaw @amanda\_holsclaw · Feb 11

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Replying to @IowaSTEM

We have an upcoming Industry Chat on Feb. 23rd at noon CST. Sign up for a free trial and attend this session.



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SARS-CoV-2 Immunity & the Status of Vaccines  
I will introduce students to SARS-CoV-2 structure and replication cycle to explain how the immune ...  
[nepris.com](https://nepris.com)



**Robin West** @RobinNWest13 · Feb 11

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Replying to @IowaSTEM

A2: vaccination registration website chaos is a timely and relevant connection to make the digital divide more concrete to my Comp Sci students.



**Amanda Holsclaw** @amanda\_holsclaw · Feb 11

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Replying to @IowaSTEM

At Nepris (Iowa Scale Up STEM Partner) our teachers have connected industry professionals to the classroom to open discussions around the impact of COVID. You are welcome to check out some of the past sessions.



Playlist  
[nepris.com](https://nepris.com)



**Jodi Morgan-Peters** @quincemama · Feb 11

...

Replying to @IowaSTEM

A1 I am teaching about Covid whenever it fits my biomedical science or biology curriculum, but not as a stand alone unit. I have also shown Nova's "Calling the Shots" to counter anti-vaxer movement. #iaSTEM#HS







**Q2: In what subjects have you used COVID as a teachable moment and how?**





### Q3: How receptive are students to learning about STEM subjects through the lens of COVID?

 **Iowa STEM**  
@IowaSTEM

Q3: How receptive are students to learning about STEM subjects through the lens of COVID? #IASTEMchat



 **GREATNESS IN STEM**  
FROM IOWANS


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

"Incorporating Pandemic Lessons in STEM Learning Environments"


**Q3: How receptive are students to learning about STEM subjects through the lens of COVID?**

#IASTEMchat

7:35 PM · Feb 11, 2021 · TweetDeck


 **nepris** @neprisapp · Feb 11  
Replying to @IowaSTEM

A3: We are tending to see a lot of teachers using STEM topics to address COVID. For ex., here is an upcoming industry chat on vaccine dev:  
[nepris.com/sessions/session-1](https://nepris.com/sessions/session-1) #IASTEMchat




**SARS-CoV-2 Immunity & the Status of Vaccines**  
I will introduce students to SARS-CoV-2 structure and replication cycle to explain how the immune ...  
[nepris.com](https://nepris.com)

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 **Robin West** @RobinNWest13 · Feb 11  
Replying to @IowaSTEM

Many are struggling to understand anything presented that doesn't align with their personal experience. The task needs to be detached enough that it is new so that it doesn't have the chance to conflict.

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 **Amanda Holsclaw** @amanda\_holsclaw · Feb 11

Robin, your computer science students might find a connection with this past session on How Covid Is Changing the Future of Robotics. Hope it helps.



**How COVID-19 is Changing the Future of Robotics**  
I work in the robotic industry as a consultant. My job involves things like testing and robot developemen...  
[nepris.com](https://nepris.com)

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**Amanda Holsclaw** @amanda\_holsclaw · Feb 11



Also, we are hosting a Virtual Lunch and Learn on Wednesday of next week if you'd like to learn more. AND - if DoorDash delivers to you, then lunch is on us!



Welcome! You are invited to join a webinar: Iowa ST...  
Nepris provides a web-based platform that connects teachers with industry professionals from various ...  
[nepris.zoom.us](https://nepris.zoom.us)

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**Robin West** @RobinNWest13 · Feb 11



Thanks! I'll check it out.



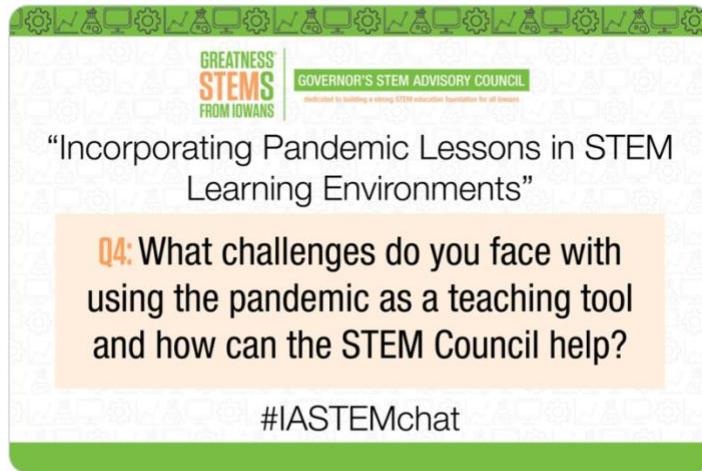


## Q4: What challenges do you face with using the pandemic as a teaching tool and how can the STEM Council help?



Iowa STEM  
@IowaSTEM

Q4: What challenges do you face with using the pandemic as a teaching tool and how can the STEM Council help? #IASTEMchat



7:50 PM · Feb 11, 2021 · TweetDeck



nepris @neprisapp · Feb 11

Replying to @IowaSTEM

Q4: Educators face SO many challenges w/ COVID! If we may, we recommend easing the burden by partnering w/ Nepris so that we can help find industry pros to speak to students about any topics you can dream about - all in a live, virtual format. #IASTEMchat

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nepris @neprisapp · Feb 11

Learn more during our upcoming webinar

[nepris.zoom.us/webinar/regist...](https://nepris.zoom.us/webinar/regist...) See you there! #IASTEMchat



Welcome! You are invited to join a webinar: Iowa ST...  
Nepris provides a web-based platform that connects teachers with industry professionals from various ...  
[nepris.zoom.us](https://nepris.zoom.us)



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Robin West @RobinNWest13 · Feb 11

Replying to @IowaSTEM

A4: there is a huge amount of trauma and politicization around it, plus the challenge of keeping up with latest/trusting info. Maybe give ideas for how to give students a sense of agency and control via STEM applications. #IASTEMchat



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## 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](https://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](https://facebook.com)

8:01 PM · Feb 11, 2021 · TweetDeck