

Pre-Chat



Iowa STEM @IowaSTEM · Nov 11

Ready to continue the conversation on high school registered apprenticeships after yesterday's webinar?

Join our next **#IASTEMChat** tomorrow at 7pm 🕒

- ✓ Follow us
- ✓ Use the reply icon to answer
- ✓ Use A1-4 in replies
- ✓ Tag all tweets with **#IASTEMchat**
- ✓ Hit refresh often

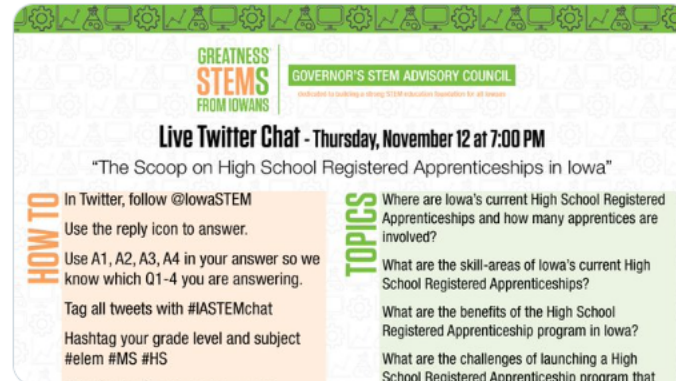


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NC STEM Hub @NC_Iowa_STEM · Nov 11

Reminder to join us tomorrow at 7:00 PM to discuss "The Scoop on High School Registered Apprenticeships in Iowa." Follow **@IowaSTEM** and tag all tweets with **#IASTEMchat** and hit refresh often to see new posts.



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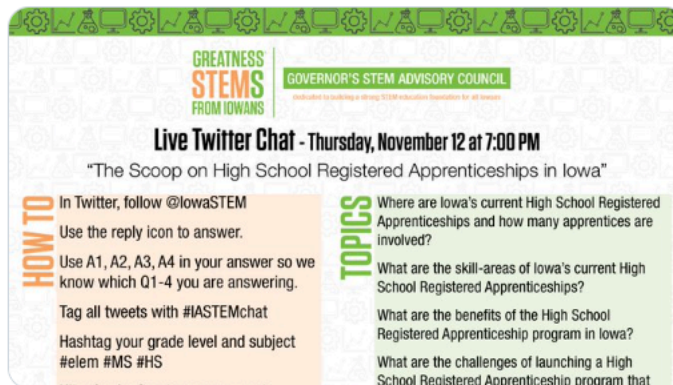


Iowa STEM @IowaSTEM · Nov 12



Our next [#IASTEMChat](#) is happening TONIGHT 🗨️

Join us at 7pm to discuss high school registered apprenticeships in your community!



Iowa STEM
@IowaSTEM



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

6:55 PM · Nov 12, 2020 · TweetDeck

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2 Likes



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 · Nov 12, 2020 · TweetDeck

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7 Likes



SE Iowa STEM Region @STEM_SE_Iowa · Nov 12

...

Replying to [@IowaSTEM](#)

Kristine Bullock, SE IA STEM Regional Manager, building continuum from preK-career through opportunities in schools & partnerships in communities [#IASTEMchat](#)



3



Jeffrey Weld @JdWeld · Nov 12

...

Replying to [@IowaSTEM](#)

Hi all. Iowa STEM advocate Jeff Weld here - director of the Gov.'s STEM Advisory Council



Burke Swenson @BurkeSwenson · Nov 12

...

Replying to [@IowaSTEM](#)

Burke Swenson, Lewis Central Middle School STEM Instructor



Tanya Hunt @TanyaHu0907 · Nov 12

...

Replying to [@IowaSTEM](#)

Tanya Hunt, Project Coordinator for the Governor's STEM Advisory Council. Happy to be a part of this team supporting STEM throughout Iowa and our STEM BEST Program. [#IASTEMchat](#) [#STEMBEST](#)



3



Kari J @KB_8675309 · Nov 12

...

Replying to [@IowaSTEM](#)

Kari Britain, Iowa Governor's STEM Advisory Council Program Manager [#IASTEMchat](#) [#STEMBEST](#)



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NW Iowa STEM Region @NWlowaSTEM · Nov 12

...

Replying to [@IowaSTEM](#)

Mary Trent, NW STEM Regional Manager



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Caroline Rankin @clgrankin · Nov 12

...

Carrie Rankin, Associate Director, Iowa STEM



Lori Rinkert @LoriRinkert · Nov 12

...

Replying to [@IowaSTEM](#)

Lori Rinkert with MidAmerican Energy. We currently do not have a high school apprenticeship program and I am interested in hearing more about what's out there for these types of programs.



SD Nelson @sara_d_nelson · Nov 12

...

Replying to [@IowaSTEM](#)

Sara Nelson, ISU



Jordan Gerstenberger @JordanGerstenb1 · Nov 13

...

Replying to [@IowaSTEM](#)

Jordan Gerstenberger, [@codeliciousHQ](#) Computer Science Curriculum Account Executive for K-12 schools in Iowa.



Q1: Where are Iowa's current High School Registered Apprenticeships and how many apprentices are involved?



Iowa STEM
@IowaSTEM

...

Q1: Where are Iowa's current High School Registered Apprenticeships and how many apprentices are involved?
[#IASTEMchat](#)

The graphic features a green border with icons of various STEM fields. At the top, it says "GREATNESS FROM IOWANS" and "GOVERNOR'S STEM ADVISORY COUNCIL" with the tagline "dedicated to building a strong STEM education foundation for all Iowans". The main text reads: "The Scoop on High School Registered Apprenticeships in Iowa". Below this, in an orange box, is the question: "Q1: Where are Iowa's current High School Registered Apprenticeships and how many apprentices are involved?". At the bottom, it says "#IASTEMchat".

7:05 PM · Nov 12, 2020 · TweetDeck

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1 Retweet 1 Like



NW Iowa STEM Region @NWIowaSTEM · Nov 12

...

Replying to [@IowaSTEM](#)

Spencer High School in N W region's Registered Apprentice is also a STEM BEST!

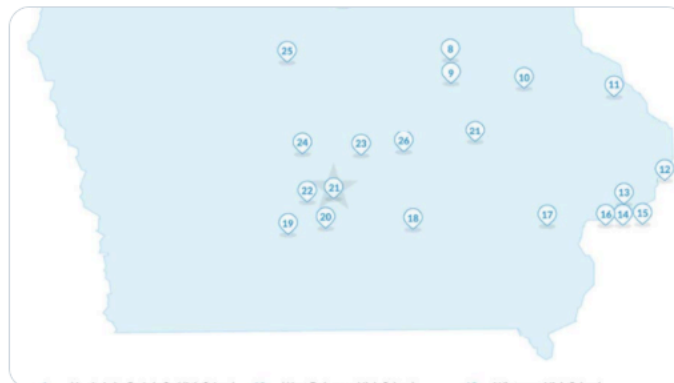


SE Iowa STEM Region @STEM_SE_Iowa · Nov 12

...

Replying to [@IowaSTEM](#)

A1: As of June 2020, there are 26 high schools in IA with registered apprenticeships. source: urban.org/sites/default/... [#IASTEMchat](#)



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SE Iowa STEM Region @STEM_SE_Iowa · Nov 12

A1: And here is a sampling of the scale in some IA High Schools
[#IASTEMchat](#)

TABLE 1
Sample of High School Apprenticeships in Iowa

	Occupations registered	Total number of apprentices	Total number of businesses participating
Central Campus	Building Maintenance, Child Care Development, Computer Support, Welder	40	23
Davenport	Electronic Systems Technician	15	5
West Delaware	Welder, Certified Nurse Assistant (CNA), Automotive Technician	10	7
Muscatine HS	Machinist	3	1
Pella Career Academy	Chef de Partie, Engineering Assistant, CNA, Welder	17	7
Total	12	111	67

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Wendy Batchelder @WSBatchelder · Nov 12

Wow that's great!!

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SE Iowa STEM Region @STEM_SE_Iowa · Nov 12

Agree! That's 111 apprentices at only 4 of the 26 schools! [#IASTEMchat](#)

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SE Iowa STEM Region @STEM_SE_Iowa · Nov 12

Replying to @IowaSTEM

A1: Great business partners in SE and Eastern Iowa include [@JohnDeere](#) and [@MAFordMfg](#). Both businesses value student growth through apprenticeships and teacher growth through [@IowaSTEM](#) Externships. More info: iowastem.gov/externships [#IASTEMchat](#)

4



Tanya Hunt @TanyaHu0907 · Nov 12

Replying to @IowaSTEM

A1: We heard from two excellent examples of the High School Registered Apprenticeship Programs, Davenport and Pella, at a recent webinar. Check it out on our YouTube Channel here: youtube.com/user/iastem [#IASTEMchat](#)



Iowa Governor's STEM Advisory Council

Created by Executive Order 74, the Governor's STEM Advisory Council is a partnership of business, polic...

youtube.com

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Q2: What are the skill-areas of Iowa's current High School Registered Apprenticeships?



Q2: What are the skill-areas of Iowa's current High School Registered Apprenticeships? #IASTEMchat



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Jeffrey Weld @JdWeld · Nov 12

Replying to @IowaSTEM

Q2 List of all registered apprenticeship occupations -- mostly STEM and sky is the limit -- environmental, IT, medical... not your parents apprenticeships! #IASTEMchat

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NW Iowa STEM Region @NWlowaSTEM · Nov 12

Students are following their passions all over Iowa!



Jeffrey Weld @JdWeld · Nov 12

Replying to @IowaSTEM

dol.gov/agencies/eta/a...



SE Iowa STEM Region @STEM_SE_Iowa · Nov 12

Replying to @IowaSTEM

A2: Current apprenticeships seem to be heavy in advanced manufacturing (esp welding) with some spots having IT, health care, culinary arts and others. Are schools districts driven by business demand, student demand or a combo? #IASTEMchat

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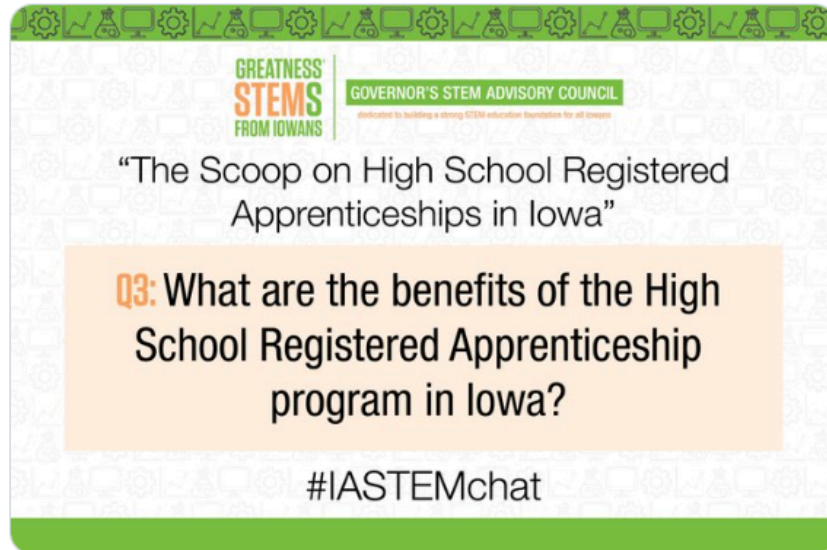
Q3: What are the benefits of the High School Registered Apprenticeships program in Iowa?



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...

Q3: What are the benefits of the High School Registered Apprenticeships program in Iowa? #IASTEMchat



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SE Iowa STEM Region @STEM_SE_Iowa · Nov 12

...

Replying to @IowaSTEM

A3: Apprenticeships also help students who may feel disconnected from the traditional school setting and provide opportunities for employers to develop mentoring and leadership skills in their current employees
#IASTEMchat



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SE Iowa STEM Region @STEM_SE_Iowa · Nov 12

...

Replying to @IowaSTEM

A3: Apprenticeships help create company (& community) loyalty and retention which is especially beneficial for companies that may be hidden (yet extremely important) in our communities. Retention also helps our small communities thrive. #IASTEMchat



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Tanya Hunt @TanyaHu0907 · Nov 12

...

Replying to @IowaSTEM

A3: Providing students with authentic work experiences that leads them to finding their passions right here in Iowa is a win for everyone!
#IASTEMchat



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NW Iowa STEM Region @NWlowaSTEM · Nov 12

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Replying to @lowaSTEM

A chance to answer the big question in life: "What do you want to be when you grow up?"



↻ 2

♡ 2



Andrew Jicha @AndrewJicha · Nov 12

...

The bigger question for those that know me is "Will he ever grow up???!!!"



NW Iowa STEM Region @NWlowaSTEM · Nov 12

Replying to @lowaSTEM

A chance to answer the big question in life: "What do you want to be when you grow up?"



↻



Caroline Rankin @clgrankin · Nov 12

...

Replying to @lowaSTEM

A3: Authentic learning for students + pathway to careers/employers
[#IASTEMchat](#)



↻

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Q4: What are the challenges of launching a High School Registered Apprenticeship program that the STEM Council can help to address?



Iowa STEM
@IowaSTEM

...

Q4: What are the challenges of launching a High School Registered Apprenticeship program that the STEM Council can help to address? [#IASTEMchat](#)



7:50 PM · Nov 12, 2020 · TweetDeck

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1 Retweet



Jeffrey Weld @JdWeld · Nov 12

...

Replying to [@IowaSTEM](#)

Q4 Educator looking for a workplace partner to launch a HS R.A.?
Business looking for a school partner? In search of funds or guidance?
That's what Iowa's STEM network experts do -- connect.
Info@IowaSTEM.gov [#IASTEMchat](#)



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Conclusion



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Educators, feel free to join our Educator Facebook Group to continue the conversation. facebook.com/groups/IowaSTEM #IASTEMchat



Facebook Groups

Iowa STEM Educators has 125 members. This group was created by the Iowa Governor's STEM Advisor...

facebook.com

