



North Central STEM Region December 16, 2022

Mark Your Calendars! Scale-Up program menu announced January 9!



The goal of the Scale-Up program is to increase student interest and achievement in STEM across the state. Each year, several programs are announced and available for educators to apply for free materials and professional development. This year the programs will be announced on January 9th. More information can be found on the **website**.

If you'd like to discuss the programs or need assistance on how to apply, schedule a time for NC STEM Hub Manager, Mauree Haage to come visit about the menu now!

Contact Mauree at mhaage@iastate.edu.

Share your Scale-Up Story with Us!

Were you awarded a Scale-Up program this year? If so, please share your story and pictures with us! We will share your story in our newsletters and on social media. Invite me out to see the Scale-Up program in action!



NewBoCo's Future City Receives STEM Council Seal of Approval



Future City has been approved with the **STEM Council Seal of Approval** for its project-based learning program where teams of students in 6th, 7th, and 8th grades imagine, research, design, and build cities of the future. Starting with the question, “How can we make the world a better place?” students create cities of the future that showcase their solutions to a citywide sustainability issue. We are excited to have teams participate from across the state.

This year’s theme is “Climate Change” and students will be tasked with addressing this looming problem with thorough research, innovative ideas and of course, teamwork.

The organization has two volunteer opportunities coming up:

1. The Future City competition is in need of virtual judges on January 21, 2023. They need in-person judges and helpers on January 28, 2023. Sign up [here!](#)
2. They are also seeking special awards sponsors or volunteers. Special awards typically have a specific theme like creativity, best use of recycled materials, overall project plan, etc. The awards range based on the organization and can either be company swag or a small scholarship for students. Sometimes the sponsors are connected directly to the year's theme (climate change), but often they are a STEM-based company interested in supporting students.

If you'd like to learn more about Future City, please visit:

Regional STEM Spotlight

Visit to Boone EDGE



The North Central STEM Advisory Council visited Boone High School in November and was able to witness their STEM BEST Program - EDGE. The EDGE program allows students to explore, prepare for, and enter a career after high school. Students are able to participate in internships for career paths in which they have interest. They are given class time to participate in their internships, giving them valuable experience that they can use no matter what path they choose upon graduation.



CSEdWeek Resources

CSEdWeek might be over, but that doesn't mean everything will disappear!



Resources from CSEdWeek can be found at <https://iowastem.org/csedweek>.

These resources include lessons, activities, and recordings from panels held throughout the week of December 5-9.

While we are on the topic of CSEdWeek, don't forget to mark your calendar for next year's dates: December 4-8, 2023!

Happy Holidays!



From all of us at the North Central STEM Hub, we hope you all enjoy this wonderful time of the year.

Upcoming STEM Events!

January 9 Scale-Up Program Menu Announced
January 10 Regional Advisory Board Meeting
January 21 Future City Virtual
January 28 Future City In-Person
February 8 STEM Day at the Capital
February 28 Scale-Up Application Deadline

Know of other STEM events in North Central Iowa? Email us at: ncstem@iastate.edu

Connect with us!

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