



GOVERNOR'S STEM ADVISORY COUNCIL

SOUTHEAST IOWA STEM REGION

Southeast Region STEM Advisory Board

January 17, 2019 9:00 – 11:00

Please click this URL to start or join. <https://uni.zoom.us/j/763532559>

Or, go to <https://uni.zoom.us/join> and enter meeting ID: 763 532 559

Join from dial-in phone line:

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Meeting ID: 763 532 559

Participant ID: Shown after joining the meeting

Thursday, January 17, 2019	
9:00 – 9:10 a.m.	Roll Call, review of minutes and review of financial report
9:10 – 9:20 a.m.	Board Chair Report
9:20 – 9:40 a.m.	2019-2020 Scale-Ups The board will discuss promotion of the Iowa STEM scale-up programs for the 2019-2020 school year. Applications are open January 21 – March 4
9:40 – 9:50 a.m.	Computer Science is Elementary Project Each STEM region will award 1 \$50,000 grant to a high need elementary school (>40% FRL) that demonstrates a plan to develop a school-wide plan for computer science. Application open January 22 – March 29
9:50 – 10:05 a.m.	QCESC Skilled Trades Initiative Dan D'Alessandro will be discussing a new skilled trades initiative rolled out by the Quad City Engineering and Science Council
10:05 – 10:10 a.m.	Innovation Fund Announcement On January 8 th , the state awarded four innovative projects using private dollars. The Southeast region had two of the four awardees – Iowa Tech Chicks and University of Iowa Department of Computer Science.
10:10 – 10:15 a.m.	2019 I.O.W.A. STEM Teacher Award Jacob Hunter, North Scott HS Ag Science Teacher, is the 2019 Southeast award winner. Please refer to his application and nomination .
10:15 – 10:25 a.m.	Mid-Year Report The mid-year report for the Southeast region is due January 31. Board members will discuss highlights and opportunities for growth. Board members should submit their hours here .
10:25 – 10:40 a.m.	Share Out Opportunity to share upcoming events, volunteer opportunities and/or partnership opportunities.
	Next Meeting February 21 11:00 – 1:00, Coralville

Upcoming Events:

- **2019-2020 Scale Up Application Opens** – January 21
- **Computer Science is Elementary Application Opens** – January 22
- **Bettendorf STEM Expo** – January 26th 11:00 – 1:00 Bettendorf Middle School
- **STEM Day at the Capitol** – February 23
- **Southeast Iowa STEM Fest** – February 23 10:00 – 1:00 Southeastern Community College
- **Linn County STEM Festival** – February 26 4:00 – 7:00 Kirkwood Linn County Regional Center
- **Scale-Up Application Closes** – March 4
- **Computer Science is Elementary Application Closes** – March 29

2019-2020 Scale-Up Menu

Program	Grade Range	In/Out School or Both
Curriculum for Agricultural Science Education (CASE) – Food Science	9-12	In School
Computer Science Fundamentals	K-5	Both
Computer Science Discoveries	6-10	In-School
Computer Science Principles	9-12	In-School
Engineer Your World	9-12	In-School
Making STEM Connections	K-8	Both
Pint Size Science	PreK-1	Both
STEM Innovator	6-12	Both
STEM in Action	K-6	Both
Light and Shadow	PreK-2	Both

Computer Science is Elementary: Vision

Transform six high-poverty elementary schools into showcases of outstanding computer science education, including career exploration with employer partners, no later than the 2020-21 school year. The six Computer Science is Elementary Schools, plus Loess Hills Computer Programming School, also will serve as a statewide resource for Iowa educators by sharing their curriculum and community engagement strategies. Computer science is a new basic skill in the 21st century, so building a strong foundation early for all students is critical. This will ensure they are well prepared later in their personal and professional lives, including for a dynamic workforce where a growing number of jobs require computer science skills.

Awards

Six \$50,000 awards will be made to selected applicants thanks to generous support from private-sector partners. One Computer Science is Elementary School will be located in each of the six regions established by the Governor's Science, Technology, Engineering and Mathematics (STEM) Advisory Council: <https://iowastem.gov/regions> Awards must be used for a building with at least 40 percent of students eligible for free- and reduced-price lunch. Selecting a mix of rural and urban communities will be an additional consideration. Loess Hills Computer Programming School in Sioux City also will receive \$50,000 to serve as a project resource.

Eligibility

School districts and non-public school systems (or stand-alone non-public schools) with an elementary building with at least 40 percent of students eligible for free- and reduced-price lunch are eligible to apply. The award must be targeted primarily to one high-poverty school, but other schools in the district or system may benefit, such as participating in computer science professional development. The awards, which will be announced by summer 2019, must be used by June 30, 2021.

Timeline

- January 15, 2019: RFP opens
- March 15, 2019: RFP closes
- Summer 2019: Selected schools announced
- Summer 2019: Initial planning meeting for selected schools
- Summer 2019 - Summer 2020: Planning year
- August 2020: Launch six Computer Science is Elementary schools
- August 2021: Progress report 1
- August 2022: Progress report 2

Helpful Links

- [Frequently Asked Questions](#)
- [Application Template](#) - Application portal will open January 15, 2019
- [Rubric](#)