



PUBLIC MEETING NOTICE
NORTHWEST STEM ADVISORY BOARD TO MEET

Monday, January 22, 2018
Virtual Meeting

Members in Attendance: Teresa Alesch, Kathleen Bottaro, Benjamin Bouza, Derek Brower, Beth Bunkers, Eric Forseth, Ginny Gunderson, Nancy McDowell, Jordan Menning, Brenda Welch, and Mark Zabawa.

Guests: Lindy Ibeling, Communications Manager of Iowa Governor's STEM Advisory Council, Janet Leifeld, NW Iowa Regional STEM Support.

Members Absent: Linda Gray, Kiana Johnson, Teresa Putnam.

Agenda

2018-19 STEM Scale-Up Programs

The 2018-19 STEM Scale-Up Program application period opened January 22, 2018 and will run through March 5, 2018. Ten programs are included on this year's [Program Menu](#), providing opportunities for youth in all grade levels.

- NW STEM will be offering four virtual meetings for educators in the NW STEM Region to review the program menu as well as answer questions regarding the application process. The dates for these meetings are: January 31, February 15, and February 19.
- Noon webinars will be offered for administrators through two AEAs
- Those interested in applying are encouraged to view the [2018-19 STEM Scale-Up Program FAQ Video](#) prior to completing the application. There is a new application system so viewing the video is strongly encouraged.
- NW STEM Advisory Board Members are encouraged to reach out to school districts in the NW STEM Region who have never received a STEM Scale-Up award or have not received one during the last two years.

Application Review Timeline

- January 22, 2018 to March 5, 2018 - STEM Scale-up Program application period.
- March 6, 2018 to April 5, 2018 - Review process window for educator applications.
- April 10, 2018 - STEM Scale-Up Program awardees announced.
- May 1, 2018 - STEM Scale-Up Program Providers contact awardees to confirm summer contact information.

Review Process

- March 6 – 26 Review committee will review applications using the Scale-Up Application Rubric as well as the rubric for evaluating essay questions. Special consideration will be those applicants who have not received an award in the past two years.
- March 26 – NW STEM Advisory Board Members will gather to review the findings and determine final selection
- Advisory Board Members volunteering to review the applications: Jordan Menning, Ben Bouza, Mark Zabawa, John Bedward, Brenda Welch, Kiana Johnson, Beth Bunkers, Teresa Alesch and Kathleen Bottaro.

Professional Development Updates

NW STEM has scheduled three sessions for additional training on Maker Spaces this spring through the Science Center of Iowa. Making STEM Connections Level 2 & Makerspace Development training session are offered to organizations that received the STEM Scale-Up Program – Making STEM Connections award during the last 2 years. Training sites include: Okoboji CSD, Storm Lake CSD and Sioux City CSD.

Externship speaking engagements

Mary Trent has set speaking engagements at Iowa Workforce Development Centers to provide information on the teacher externship program. Past externs and business partners are invited to participate. Board members are welcome to attend.

- Denison - March 8
- Storm Lake - March 15
- Spencer - April 11

NW STEM Festival Update

Advisory board members received updates on NW STEM festivals and events held this year, as well as those scheduled for this spring. Included in the update were NW STEM contributions to each event, the number of student impacted, as well as the list of organizations collaborating for the event. Upcoming events include:

- February 10 - Dordt STEM Festival
- March 3 – Family Fest, Clay County Convention Center
- March 9 – GriT Festival, Buena Vista University in Storm Lake
- March 14 - Women in STEM Festival, Iowa Lakes Community College
- March 23 – GRiT Festival , Northwestern College in Orange City
- April 20 - Woodbury County and Briar Cliff STEM Festival, Sioux City
- April 21 – KidWind Festival, Iowa Lakes Community College
- May 1 – STEM Energy Bash, Spencer.
- May 5 – Denison STEM Fest

NW STEM Mid-Year Review – NW STEM Advisory Board Members should add their input to the review document by Wednesday, January 24. More information is contained in the email.

Upcoming Dates

- February 10 - Dordt STEM Festival
- February 14 - STEM Day at the Capitol, Des Moines, Iowa. March 3 – Family Fest, Spencer
- March 3 – Family Fest, Clay County Convention Center
- March 6 - April 9 - STEM Scale-Up application review
- March 9 – GriT Festival, Buena Vista University in Storm Lake
- March 14 - Women in STEM Festival, Iowa Lakes Community College
- March 23 – GRiT Festival , Northwestern College in Orange City
- March 26 – NW STEM Advisory Board Meeting, Spencer

STEM Happenings

- Derek Brower– Participating as FIRST Tech Challenge judge. Looking judges for event at WIT in February.
- Eric Forseth – Dordt STEM Fest coming up on February 10. 180-200 students expected to attend this year.
- Beth Bunker – Selected to attend the NASA conference in February. Also named as a member of the National team for Monarchs on the Move.
- Kathleen Bottaro – PLTW designing new facilities. Future Ready Team – attended leadership conference in Detroit and will be attending national event in February. Maximizing technology in education. Working on coding in the classroom. Reviewing Technology Plan for Sioux City Schools for the next 4 years.
- Nancy McDowell – appointed to Governor’s Workforce Development Board representing NW Iowa.
- Brenda Welch – Planning summer stem camps for youth in grades K-3, additional activities for youth in grades 4-8. New option - STEM Lit to Go for youth in grades K-3. Next Tuesday will be Maker Space day for ISU Extension staff in five county area.
- Ginny Gunderson – Has been promoting the STEM Scale-Up Program with local schools. Reaching out to local businesswomen to present at the upcoming Women in STEM event in March.
- John Bedward – Feb 9 is Maker day in Albert City, Feb 18 is Meet a Scientist Day at Sanford Museum in Cherokee. Committee member for the computer science committee in Iowa

Next Meeting – Monday, March 26 at 9:00 am at Spencer High School to tour STEM BEST Program.