



Spotlight on STEM Co-operative

Did you know that the NCESD has a STEM Co-operative? Co-op members receive multiple benefits from the NCESD within the areas of STEM education, including complimentary registration to the STEM Summit.

Building on the structure of the MLA, the STEM Cooperative opportunities for your district and support from the NCESD have expanded across multiple content areas. Contracts are established on a tier structure determined by district FTE.

If your district is not a member of the STEM Co-op, we'd love to share more information on the benefits.

To learn more about how your district can participate in the STEM Co-op, contact:
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NCESD Safety Services Hosts Workshops



Earlier this summer, the NCESD Safety Services team hosted two workshops, both designed to focus on improving and enhancing safety in our schools, and with our students.

The first event was titled "School Safety- A Parent's Perspective" and featured speaker Alissa Parker, a parent whose daughter was killed during the Sandy Hook school shooting.

She shared her personal story and recounted the lessons she learned on December 14, 2012 and in the aftermath of the Sandy Hook School tragedy. From this terrible event, Alissa has chosen to help school communities improve safety in honor of her daughter, Emilie, and the memory of the other 19 children and six teachers lost on that day. Her perspective as a parent provided unique insight and inspiration for parents, administrators, school staff, emergency responders and community members who strive to make their schools safer.

The second event was titled "Contemporary Issues in School Crisis" and featured Dr. Scott Poland, a Professor at the Center for Psychological Studies and the Co-Director of the Suicide and Violence Prevention Office at Nova Southeastern University in Fort Lauderdale, Florida.

Dr. Poland shared his deep practical experience in school crises and helped school and community personnel develop and enhance their ability to respond to critical incidents, safeguard children, and build resiliency for children and families in today's world. Participants learned effective strategies to prevent crises from occurring and lessons from the front lines of numerous tragedies. This event provided insight on how to best intervene to help affected schools and communities after an event

Both events were offered as part of the NCESD Safety Services Co-op, which combines resources to better assist with crisis planning, managing response, and recovering from unexpected emergency events.

To learn more about how your district can participate in the Safety Services Co-op, contact:
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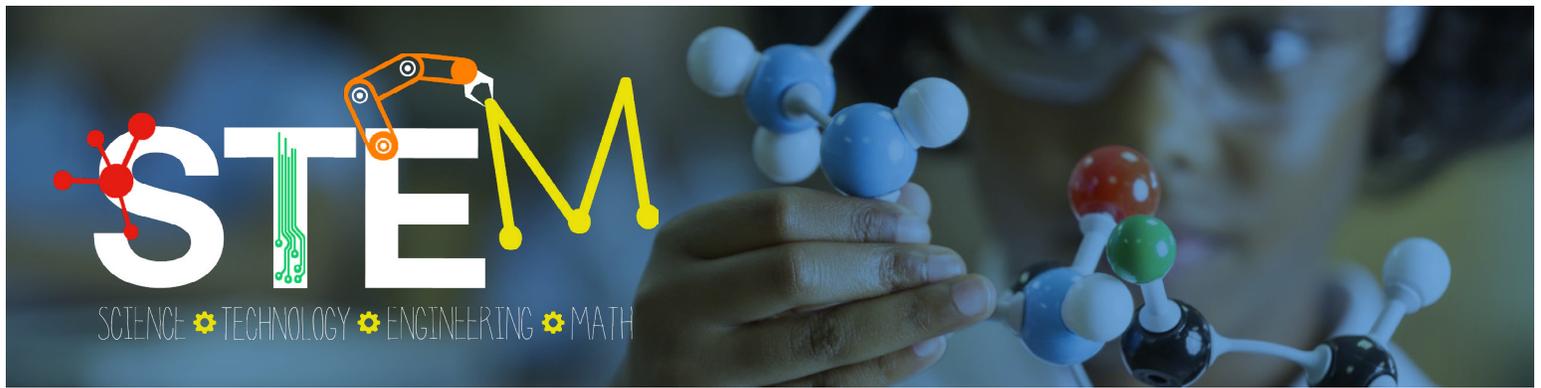


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Register now for the August STEM Summit

Clock hours available at the August 13-15 event

STEM education integrates concepts that are usually taught as separate subjects in different classes and emphasizes the application of knowledge to real-life situations. A lesson or unit in a STEM class is typically based around finding a solution to a real-world problem and tends to emphasize project-based learning. Many STEM lessons involve building models and simulating situations, and impactful STEM lessons ensure that students understand the connection to the real world.

18 Clock Hours Available!

The following STEM Education statistics were recently published by iDTech:

1. STEM jobs are projected to grow 13%.

Between 2017 and 2027, the number of STEM jobs will grow 13 percent, compared to 9 percent for non-STEM jobs—with positions in computing, engineering, and advanced manufacturing leading the way. (Via Change the Equation)

2. The average median hourly wage for STEM jobs is \$38.85.

Compared to the median earning for all other types of jobs in the US - \$19.30 - STEM-related jobs pay exceptionally well. (Via Change the Equation)

3. Out of 100 STEM occupations, 93% of them had wages above the

national average.

The national average for STEM job annual salaries is \$87,570, where the national average for non-STEM occupations sits at roughly half—\$45,700. (Via the Bureau of Labor Statistics)

4. The US placed 38th of 71 countries in math, and 24th in science.

This is according to the Programme for International Student Assessment (PISA)—which is regarded as one of the biggest cross-national tests of its kind. (Via the Pew Research Center; Pew also just published these 7 facts about the STEM workforce on 1/9/18)

5. Only 36% of all high school grads are ready to take a college-level science course. (Via the National Math & Science Initiative)

The STEM Summit includes:

- Over 90 workshops
- Up to 18 STEM clock hours
- Networking socials
- Keynote speakers each day
- Panel discussions
- An opportunity to connect with other educators and share best practices
- Using Neuroscience in the Art of Teaching
- How To Use Robots in Every Classroom

Registration and event details can be found at www.ncesd.org/news/service/stem/stem-summit/



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