



BOSCH

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Invented for life

Tricounty STEMersion 2021 is a two-week, unique hands-on institute for up to 40 middle and high school instructors in Berkeley, Charleston and Dorchester Counties in South Carolina. During the institute, educators visit one or two sites per day based on the available schedule of STEMersion's hosts. Industry leaders at host sites will introduce educators to the company's work environment including the practical use of formulas, theories and/or concepts necessary for a successful work process. Educators will also participate in real-world workplace (hands-on) learning opportunities that reinforce why math, science and soft skills are so important for the region's workforce and economic growth.

Educators will gain first-hand views of local companies, careers and skills required for our robust economy. Local educators will receive a variety of information to share with fellow educators and parents. In addition, educators will participate in activities and conversations that may be used to encourage local students to engage in-demand career pathways that lead to invigorating skill development and lifelong learning opportunities. STEMersion 2020 participants described the experience as follows:

- *Overall, I had a fantastic time and I got a lot of great takeaways that I can bring into my classroom and my school*
- *... it did not disappoint. I absolutely LOVE what it does. I love the connection of industry and education. It is a great way for educators to see how they can shift the focus of their classroom to better serve the workforce*
- *An excellent initiative for the Tri-County area.*

STEMersion ties the world of work to classroom lessons through the inclusion of competencies of local industries, increased knowledge of careers as well as an emphasis on the skill needs of industry. In addition, STEMersion facilitates the creation of pathways that encourage excitement in Science, Technology, Engineering and Math curriculum which develops a pipeline of future employees to meet industry needs. STEMersion creates partnerships between industry and education, builds awareness of opportunities that prepare students for future careers and emphasizes the relevance of STEM, targeted workplace skills and how to incorporate these elements into core

curriculum. The institute is not about finding a job but stirring the expertise of classroom educators such that sparks are created and students identify and prepare for their next careers. Finally, the institute creates a path for a regional grassroots career awareness campaign in which local industries are introduced to additional educators, parents, and students after STEMersion concludes.

STEMersion provides up to a \$700 stipend (based on completed assignments and budget allocations) for local educators who complete the work-based learning experiences at local industry sites, create lesson plans based on the experiences and agree to integrate the new knowledge into classroom lessons and presentations. Follow-up sessions with local industry leaders will also be facilitated through the institute. The follow-up sessions will include posts on tricountystemersion.com, STEMersion breakfast, virtual and face-to-face networking sessions, classroom visits and the annual STEMersion celebration.

Educator Early Bird Registration deadline: February 26, 2021
Selection Acceptance deadline: April 30, 2021

Seats are limited.

Failure to decline or attend the institute will result in the removal of the candidate for consideration for future events and a notice submitted to the local school district.

Registration: Educators, apply at the following link: [Tricounty STEMersion 2021](#)

For questions, additional details or registration, please contact: