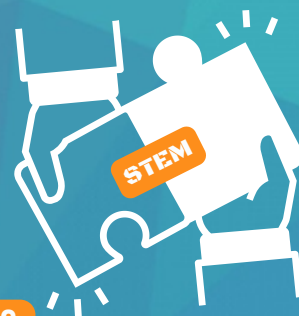


COMMUNITY COLLABORATIVES

INSPIRING STUDENTS, ENGAGING EDUCATORS, & STRENGTHENING COMMUNITIES



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Chemical Educational Foundation's (CEF)'s You Be The Chemist® STEM Community Collaboratives Launching 2023!!!



CEF's work inspires students, engages educators, and strengthens communities to build a better world through the science of chemistry.

WE WANT YOU TO BE A PART OF IT!



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ABOUT US



CEF's You Be The Chemist programs uniquely connect business and education in local communities to reach students early in life and ignite a passion for chemistry and science-related careers. Our goal is to build a better world through the science of chemistry by providing resources schools need to offer You Be The Chemist programming in their classrooms and allow local business volunteers to lead hands-on science activities at the schools.

Inspiring students early in life to pursue science and chemistry in study and STEM careers.



Engaging educators to build their confidence in teaching hands-on science in grades K-8.



Strengthening communities by connecting students and educators with volunteers from local employers.



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ABOUT COMMUNITY COLLABORATIVES

CEF's You Be The Chemist STEM Community Collaboratives provide FREE professional development for science educators and FREE classroom resources that engage students in science and STEM. We strive to develop a partnership that leads to a solid and sustainable multi-year relationship between your school(s) or district, local employers, and us that brings the chemistry of science in STEM to your students.

JOIN COMMUNITY COLLABORATIVES

Who Should Apply?

- 3 – 8th Grade Science Teachers
- Campus or District Administrators, Instructional Leaders, & other school representatives

Priority will be given to schools from Louisiana Region Two (Louisiana State University-Baton Rouge) and Region Five (Calcasieu Parish School Board) STEM Networks.

Important Dates

The collaboratives will begin in January 2023.

The Deadline to apply is November 18, 2022!

APPLY HERE!



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FREE TRAINING AND RESOURCES!!!



Professional Development

- 1 in-person professional development session (3.5 hrs)
- Ongoing instructional coaching and support from our Master Science Teacher/ STEM Education Specialist
- Alignment of activities to the standards and curriculum of participating school(s) or district(s)

Virtual Modules

- Access to virtual professional development series upon completion of the in-person session, including:
 1. Introduction to the 5E Model
 2. Weather
 3. Life Sciences
 4. Space
- Access to 3 interactive student modules upon completion of the in-person session:
 1. Lumpy Liquids
 2. Crystal Art
 3. Exploding Bags

Classroom Resources

- 1 Activity Guide Kit (classroom supplies) per participating teacher for your science classes

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HOW TO APPLY

Administrators, School Leaders and Teachers can apply for the You Be The Chemist STEM Community Collaborative by completing this form.

**** Teachers will also need a letter of recommendation from a School Administrator****

Applicants will be asked to provide:

- 1. Resume information, including teaching experience and past professional development (a separate resume/professional activities file may also be uploaded).**
- 2. Names and contact information for any team members also applying. (While individual applications are accepted, we strongly recommend teams of two or more teachers from a school and four or more teachers from a school system apply so they can support each other's teacher leadership efforts).**
- 3. Proposed date(s) and location(s) for training/ workshops.**
- 4. Contact information for the school administrator who will provide a recommendation confirming the applicant's potential as a teacher leader. Administrators will send recommendation letters directly to fstarks@chemed.org.**

Note: The teacher applicant's last name must be in the subject line of the email. **

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WHAT TO EXPECT



CEF is committed to supporting you and your students long-term. So, we will periodically request data and information from you to measure impact, offer ongoing support, and provide metrics for future programming.

Reporting:

Surveys- Participants will complete a survey before and after the workshop(s), after the use of activities, and at the conclusion of the academic school year addressing:

1. Teacher and student needs
2. Challenges your team faced/overcame
3. Measurable impacts achieved

We will provide teachers with a Google form to structure their progress reports (survey responses) and submit pictures.

All reports are due by **June 30, 2023.**

**** Teachers must commit to responding to data requests in a timely fashion to the best of their ability.****

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PRE-WORKSHOP ACTIVITIES

Planning Meeting(s): You will meet with our STEM Education Manager to discuss scheduling for the in-person workshop and develop the framework for ongoing and continuous support to include: future session options, possible instructional needs (pedagogy/content), creating a timeline for providing feedback, future student participation in the CEF You Be The Chemist Challenge (grades 5-8), and much more.

Curriculum integration begins with a review of your state standards, the activity guide, and curriculum mapping to identify lessons from the guide that will be incorporated into your curriculum.



POST-WORKSHOP FOLLOW-UP



Activity Implementation: While the workshops are a crucial component of supporting, building, and enhancing K-8 teacher competence in chemistry and STEM instruction that engages and motivates students' interest in chemistry, what happens once teachers return to their classrooms is even more important.

Teacher leaders are tasked with classroom implementation of the incorporated activity guide lessons and any prearranged outreach/volunteer opportunities, launching student participation in future You Be The Chemist challenges, and sharing your progress with CEF at regular intervals. We recommend developing a check-in timeline/ schedule that aligns with your curriculum map and supports student progress.

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WE LOOK FORWARD



TO HAVING YOU BE A PART OF

COMMUNITY COLLABORATIVES 2023!

