

Four students, two girls and two boys, are shown from the waist up, cheering with their arms raised. They are wearing yellow shirts and lanyards with ID badges. The background is white with a faint hexagonal pattern.

CEF YOU BE THE SOLUTION CHALLENGE™ NATIONAL STEM COMPETITION

» CREATING EXCITING FUTURES IN **STEM** »

GRADES
5-8

As an educator, you know the power of
seizing the right moment to shape a student's future. The
CEF You Be The Solution Challenge™ creates that moment.
And it wouldn't be possible without the passion and
dedication of educators like you!

You Be The
DIFFERENCE!

TEAMS OF
3-4
STUDENTS

www.CEFinSTEM.org

» FREE & FUN Collaborative STEM Challenge »

You Be The INSPIRATION

The Challenge was designed for educators like you by our expert team with more than 45 years of combined classroom experience. Formerly known as the *You Be The Chemist Challenge*®, the You Be The Solution Challenge builds on this legacy with a renewed focus on today's students and classrooms. Free and easy to implement, it offers multi-disciplinary activities that are educational, engaging, and fun. Over the past 20 years, CEF has inspired more than half a million students, sparking a passion for STEM and empowering them to pursue pathways in high school, skilled trades, college, and beyond.

Join us on the journey of **Creating Exciting Futures in STEM!**

85%

Discovered
New STEM
Career Paths

92%

Increased
Their Interest
in STEM



GETTING STARTED

- Engage students** for a fun and exciting STEM Challenge **at the start of the school year**. *There is no limit to the number of teams, and you don't have to know team composition at this stage.*
- Access** our free study materials and instant instructional support as registration opens in **October**. *Students can start gearing up and preparing for the Challenge right away.*
- Finalize your teams** and submit your team composition to CEF in **January**.



NEXT STEPS

- Participate in your local or virtual **Regional Challenge** from **mid-January through mid-March**.
- Submit completed **team videos** by the **end of March**.
- State winners** and **National Finalists** will be announced in **early May**.



FINISH LINE

- Receive feedback** on team's performance including answers to questions, percentile ranking, & video feedback in **May**.
- Finalists **compete for scholarships** at the National Challenge at the **beginning of June**.



You Be The MENTOR

- Teams of 3-4 students answer timed questions at a Regional Challenge
- Teams simultaneously create videos in which they address an innovative solution to a community-based challenge
- Regional Challenge and video scores are combined to determine State Winners
- Top 5 state winning teams advance to the National Challenge, present their innovative solution to an expert panel of judges, and compete for scholarships!

EDUCATORS

(can be parent led)
Team Coordinators
mentor the students
and manage team
logistics

*Who is
involved*

PARTICIPANTS

Student Teams

collaborate
on Regional
and Video
Challenge
preparation

VOLUNTEERS

Challenge Organizers

host and manage
local area Challenges

Video Evaluators

review and score
team video
submissions

“

My experience
participating on the national stage
has made me more courageous.

When my classmates ask why
I am not nervous when I present
in front of them, I say I have been
to the Challenge!

– PREVIOUS PARTICIPANT



About CEF

CEF has been empowering young minds from diverse backgrounds for the past 35 years. As an educational nonprofit driven by industry support, CEF is committed to engaging students early in their academic studies and igniting a passion for STEM learning that continues through high school, skilled trades, college, and into the workforce.

Our FREE resources engage educators in continued learning that builds their confidence in delivering STEM embedded science instruction. The components of our programming and resources are stand-alone but can be unified and tailored to educator needs.

CEF's impact goes beyond classrooms; fostering learning, interest, and skill development in academic and real-world settings.



Volunteer Opportunities

CEF's programs thrive due to volunteer support. Volunteers can engage virtually or in person. To get involved, contact Challenge@CEFinSTEM.org. Opportunities include hosting or volunteering at a Regional Challenge, evaluating videos, presenting on industry innovation, or sponsoring our Challenge.



» **Want to Take On the Challenge?** » **REGISTRATION
OPENS IN OCTOBER!**

You Be The REASON!

“I feel that our jobs as educators and professionals is not only to teach kids about science and math but first and foremost, we need to get them interested [in STEM].” – CHALLENGE ORGANIZER



Get In Touch
Challenge@CEFinSTEM.org



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Scan the QR code to join our mailing list and be the first to get information about the Challenge.



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www.CEFinSTEM.org

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