



Building Tomorrow's
STEM Workforce Today

02

Experiencing Science

Inspiring Students and Engaging Communities



- ✓ Inspire and motivate youth to seek careers in STEM fields
- ✓ Raise educator confidence in teaching STEM concepts and content
- ✓ Spotlight employee expertise through impactful local volunteer opportunities



03

Working Together

with Industry Association Partners to Reach Students Early



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04

Making Connections

Supporting Corporate Social Responsibility Goals



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05

2021/2022 Impact

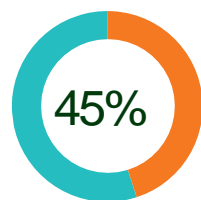
of the *You Be The Chemist* Programs

155,000

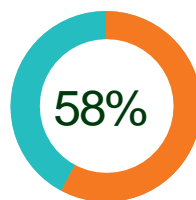
Students Reached

4,500

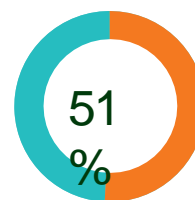
Teachers Reached



students from economically disadvantaged schools



students identified as female



students identified as historically underserved



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06

You Be The Chemist

Focusing on the Science of STEM



**You Be
The Chemist
Challenge®**

*Team-based,
middle school
science competition*



**Community
Partnerships**

*Relationship
between schools
and companies*



**Activity Guides
K-8**

*standard-aligned,
hands-on science
activities*



**Essential
Elements**

*Teacher professional
development*

» Learn more: www.chemed.org



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07

The Challenge

Exploring Sustainability Questions and Possible Solutions



Problem Solving



Innovation



Collaboration



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08

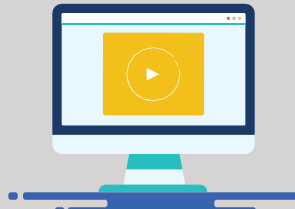
The Challenge

Community Outreach & Volunteer Opportunities

Employee
Engagement



Video
Reviewers



Inspire Future
Employees



Real-World
Innovation



09

The Future STEM Workforce

Champions of the 2022 National Challenge

“Participating in the You Be The Chemist Challenge really affected my **career trajectory**.

The love of chemistry I got directed me to ... be a chemical engineer for my career.”

— Aiden B., 2006
Former Challenge Participant

“Throughout my life I’ve been interested in both science and art, and the Challenge has made me want to figure out how to combine them... This competition has left **so many doors open**; I’m excited to see what happens next.”

— Ravine C., 2021
Former Challenge Participant



“The Challenge **ignited my passion** for chemistry ... Ever since then chemistry has been my favorite subject; it’s the only thing I’ve wanted to do. Which is why I [earned] my Bachelors in biochemistry.”

— Logan F., 2014
Former Challenge Participant

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10

Challenge Sponsors

PRESENTING SPONSOR



TRAILBLAZERS



INNOVATORS



AMBASSADORS

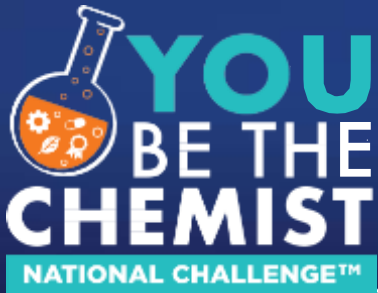


ALLIES



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Houston

JUNE 13, 2023

WESTIN HOUSTON, MEMORIAL CITY



QUESTIONS?

Executive Director Dwayne Sattler: dsattler@chemed.org or Director of Development Brandy Gates: bgates@chemed.org

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