



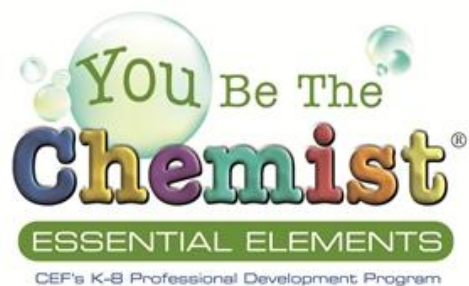
Welcome to You Be The Chemist!

The [Chemical Educational Foundation's You Be The Chemist®](#) (YBTC) programs are designed to enhance K-8 science education by introducing the central role of chemistry in all the sciences and in our everyday lives. To accomplish its mission, CEF relies on the collaboration of industry, educators, and all members of a community to enhance science education among every generation, beginning with our youth.

CEF's current YBTC programs include:

[YBTC Essential Elements](#)

YBTC Essential Elements is designed to assist K-8 educators – our “essential elements” in education – in teaching chemistry concepts through hands-on learning and connecting those concepts to students’ everyday lives. During an Essential Elements workshop, the instructor will lead educators through a full 5E learning cycle utilizing a lesson from the YBTC Activity Guides. Following the lesson, educators will have the opportunity to discuss the lesson further and ask questions. The workshop will then proceed with additional lessons from the Activity Guides.

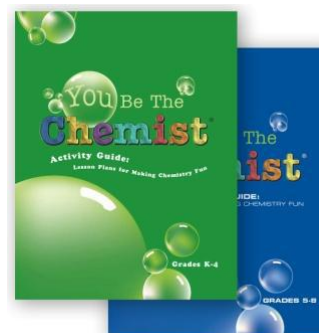


Visit the [Essential Elements](#) page for more information on the 5E learning cycle format and how to bring an Essential Elements workshop to the schools in your community!

[YBTC Activity Guides](#)

The YBTC Activity Guides: Lesson Plans for Making Chemistry Fun offer a variety of exciting science lesson plans, enabling educators to bring hands-on learning to students, inside and outside of the classroom. The Activity Guides are divided according to grade level, one for grades K-4 and the other for grades 5-8.

Each Activity Guide booklet contains approximately 30 educator-reviewed lesson plans, activity sheets, and a resource guide filled with safety information, tips for non-chemistry teachers, and much more.



[YBTC Challenge](#)

The YBTC Challenge is a fun and innovative academic competition that engages grade 5-8 students in learning about important chemistry concepts, scientific discoveries, and laboratory safety. Challenge competitions are exciting events that take place across the country, encouraging the collaboration of industry members, schools, and community organizations, as together they educate students about the value of science education and the role of chemistry in their everyday lives.



[CLICK IMAGE ABOVE TO REVIEW 2013 PROGRAM GUIDE](#)

The *You Be The Chemist*[®] California State Challenge is our state's capstone to the exciting *You Be The Chemist*[®] program by the Chemical Educational Foundation (CEF).

During 2013 local California challenges ran from mid-March to mid-April. Finalists from the local competitions then participated in the *You Be the Chemist*[®] California State Challenge which held at the Discovery Science Center (DSC) in Anaheim on May 11, 2013. DSC is Southern California's largest nonprofit educational resource.

The winners for the YBTC California State Challenge were awarded a trip to the 2013 National *You Be the Chemist*[®] competition in Philadelphia on June 24, 2013.

For more information about the California State Challenge or how lean how your company can help sponsor future events, please contact either

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