



U.S. Department of Energy Office of Science National Science Bowl® Fact Sheet

About DOE's National Science Bowl

The U.S. Department of Energy's (DOE) National Science Bowl seeks to encourage middle and high school students to expand their knowledge of math and science, expose students to careers relevant to DOE's mission, and raise the visibility of academic achievement in the sciences through a nationally prestigious academic event.

DOE's National Science Bowl attracts more than 14,000 students nationwide. At the high school level, the 2013 National Science Bowl involved more than 9,000 students and at the middle school level, more than 5,000 competitors. The National Science Bowl is the only science competition in the United States sponsored by a federal agency. For more information about the National Science Bowl, visit <http://science.energy.gov/wdts/nsb>. You can also keep up-to-date with the latest news on Facebook.

How the National Science Bowl Works

The National Science Bowl is a nationwide academic competition that tests students' knowledge in all areas of science. Competing teams from diverse backgrounds are comprised of four students, one alternate, and a teacher who serves as an advisor and coach.

Students are quizzed in a fast-paced question-and-answer format. High school students are quizzed on biology, chemistry, physics, earth and space science, energy, and math. Middle school students are quizzed on a variety of disciplines including earth, physical, life and general science, energy and math.

Regional winners receive an all expense paid trip to the National Science Bowl Finals. More than 5,000 volunteers from the private sector, academia, nonprofit groups and DOE help manage and implement these events.

The Model Car Challenge

A featured event at the National Science Bowl, the Electric Car Challenge invites middle school students to design, build, and race model cars, competing for cash prizes for their school's science department. Students build their cars from everyday household materials, with creative touches such as using compact discs as wheels. This competition tests the creative engineering skills of many of the brightest math and science students in the nation as they gain hands-on experience in the automotive design process.

Quick Facts on the National Science Bowl

- The National Science Bowl is in its 23rd year.
- More than 9,000 high school students and 5,000 middle school students from 2,900 schools in 49 states, Puerto Rico, and the District of Columbia competed in 2013, making the National Science Bowl the nation's largest science competition.
- Since 1991, more than 225,000 middle and high school students – and their teachers – have participated.
- Sixty-nine regional high school competitions and forty-six regional middle school competitions were held around the country between January 2013 and March 2013.
- The National Science Bowl Finals will be held in Washington, DC, from April 25 - 29, 2013.
- The national high school championship team will win a science-related trip to Alaska.
- Regional sponsors range from small businesses to Fortune 500 companies.

About DOE's Office of Science

DOE's Office of Science manages the National Science Bowl, and is the single largest supporter of basic research in the physical sciences in the nation, to help ensure U.S. world leadership across a broad range of scientific disciplines. The Office of Science supports a diverse portfolio of research at more than 300 colleges and universities nationwide, manages 10 world-class national laboratories with unmatched capabilities for solving complex interdisciplinary scientific problems, and builds and operates the world's finest suite of scientific facilities and instruments used annually by more than 19,000 researchers to extend the frontiers of all areas of science. For more information on DOE's Office of Science, visit: www.science.energy.gov.