Introduction

The U.S. Department of Energy (DOE) Office of Science sponsors a range of science education initiatives through its Workforce Development for Teachers and Scientists program. Included within this program is the Science Bowl, a nationwide academic science competition established in 1991.

National and regional DOE Science Bowl competitions test students’ knowledge in all areas of science and math. High school students are quizzed in a fast-paced question-and-answer format. Questions are submitted by scientists at all DOE facilities as well as from other federal agencies and universities. Teams are comprised of four students, one alternate and a teacher who serves as an advisor and coach.

Regional elimination tournaments are conducted throughout the country at DOE sponsoring sites from January through March.

Nevada Science Bowl

The DOE National Nuclear Security Administration Nevada Field Office began an annual Nevada Regional Science Bowl in 1992. Today, more than 30 teams representing high schools from Nevada, California, Utah and Arizona travel to Las Vegas to compete. Science Bowl competitions encourage student involvement in math and science activities, improve awareness of career paths in science and technology, and provide an avenue of enrichment and reward for academic science achievement.

To be eligible to compete in the Nevada Science Bowl, a student must be enrolled for the current school year in grades 9, 10, 11 or 12 at the team’s school, and be less than 20 years of age, or receive a special waiver from the Department of Energy.

No school or student group may compete in more than one regional competition and students may compete on only one team. The Nevada Science Bowl coordinator determines whether more than one team from a high school will be allowed to participate in the Nevada Science Bowl as well as the geographic area this regional competition will encompass. No more than two teams from one high school or student group may compete in a regional event.

2019 Nevada Science Bowl champions from Clark High School in Las Vegas.
National Science Bowl

To be eligible for the National Science Bowl finals, a student must have competed on the team that won the regional Science Bowl or on the second place team if the first place team cannot attend.

The winning team from each regional tournament is invited to participate at the national finals in Washington, D.C. The DOE National Science Bowl is a highly publicized academic competition among teams of high school students who are quizzed on various topics in astronomy, biology, chemistry, earth science, general science, mathematics and physics.

Champions

In both regional and national competitions, teams compete to win science-oriented prizes that include funding for their schools' science and math departments, science research trips to highly advanced research facilities and trophies.

Registration

Registration for Nevada Science Bowl opens in the fall. For more information and to register, visit www.nnss.gov/pages/PublicAffairsOutreach/KidsZone/NSB-HS.html. To keep updated on important dates and happenings, follow Nevada Science Bowl on Facebook at @NevadaScienceBowl or on Twitter at @NVSCIENCEBOWL.