

# NATIONAL SCIENCE BOWL®



20 YEARS  
 Exciting Young Minds  
 SCIENCE AND ENVIRONMENT...  
 WORKING TOGETHER!  
<http://nationalsciencebowl.energy.gov>

2009 Middle School  
 Champions:  
 Hopkins Junior  
 High School,  
 Fremont,  
 CA



2009  
 High  
 School  
 Champions:  
 Mira Loma  
 High School,  
 Sacramento, CA



Tweaking a model car  
 for the middle school event

## What is the DOE National Science Bowl®?

Launched in 1991, the National Science Bowl® (NSB) is a highly competitive science education and academic event among teams of high school and middle school students who compete in a fast-paced verbal forum to solve technical problems and answer questions in all branches of science and math. Regional and National events encourage student involvement in math and science activities of importance to the Department of Energy and the Nation.



1991 Champions from Lubbock High School, Lubbock, TX receive recognition from Secretary of Energy James Watkins and First Lady Barbara Bush.

## How Can I Get Involved?

- Go to the NSB Web site to find the closest regional event at <http://nationalsciencebowl.energy.gov>.
- Form a team of 4 to 5 students.
- Find a coach and register for a regional tournament.
- Study and practice answering the sample questions.
- Compete in a regional event.
- Regional winners will travel to the national competition.

## Volunteers

Science Bowl events depend on local volunteers of all ages and skill sets to serve as competition officials and run the events. If you are interested in sharing your love of science and math with students, use the contact info on the Web site for your local area.

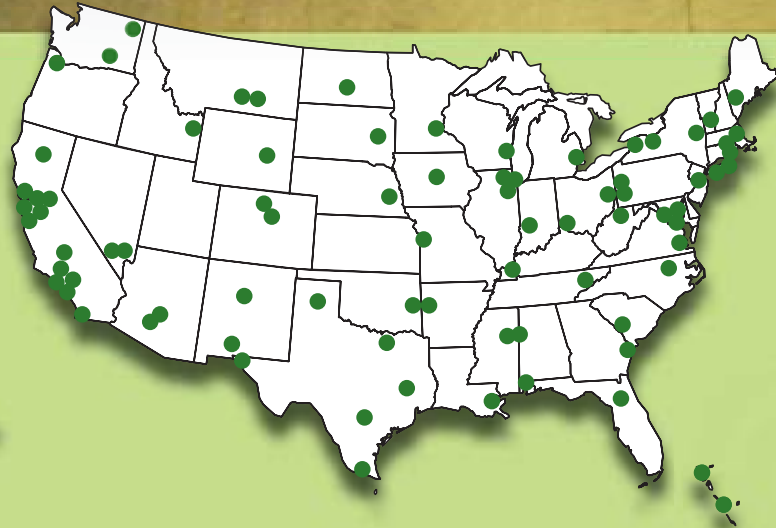
## Thank You

Thank you to the sponsors who make the regional events possible and to the countless volunteers who share their dedication to advance the frontiers of science.

The National event would like to thank the following main sponsors:



## U.S. Department of Energy National Science Bowl® Participating Facilities



Science Bowl regional events are held across the country. Check the Web site for the latest locations.

<http://nationalsciencebowl.gov>

### For Students

Science Bowl is a fun way to learn more about:

- Science and Math
- Team-work
- Problem-solving
- Presentations
- Communication
- Hands-on skills



### For Teachers

This is a proven way to get your students excited about studying a wide variety of science topics.

There are on-line resources for the verbal competitions, and middle school teachers are also provided with resources to construct a model car.

You can network with other teachers interested in improving the teaching of science.

### Who Participates?

Any current public, private, or home school is welcome to participate in a regional event. There are many science bowl locations — check the Web site for up-to-date information and event dates.

The high school science bowl is for current high school students.

The middle school science bowl is for current sixth through eighth grade students.

### Events & Prizes

Each regional event has local prizes, ranging from trophies, to baseball games, to cash prizes and scholarships.

Regional science bowl championship teams receive an all-expense paid trip to compete at the National event in Washington, D.C. in April.

### At the National Event

The National event includes several days of science activities, sightseeing, and competitions — it's a mini-conference and valuable experience. There are cutting-edge science seminars and hands-on science activities.

All National participants receive certificates and have the opportunity to win small prizes for activities. The teams who advance to the elimination rounds will earn a monetary prize for their school.

Top teams also receive trophies and other awards, including science trips for the high school teams.

The National Science Bowl® for Middle School Students includes two types of competitions — an academic math and science competition and a model car race. The model car race provides the students with a "hands-on" science and engineering experience where the teams design, build, and race their model cars.

