Mission

The mission of the Supercomputing Challenge is to teach teams of middle and high school students how to use powerful computers to analyze, model and solve real world problems.

Important Dates

September  Teams form and register
October    Kickoff conference
January    Interim reports due
February   Project evaluations
April      Written reports due,
           Project Exposition,
           Awards Ceremony
Summer    Summer Teacher Institute

For more information see:

supercomputingchallenge.org
consult@supercomputingchallenge.org

The Supercomputing Challenge has been an ongoing program in New Mexico since 1990. It is dedicated to increasing interest in science and math among 5th through 12th grade students by introducing them to computational science. During the academic school year, teams of students complete computational science projects.

Each team of one to five students and a sponsoring teacher defines and works on a single computational project of its own choosing.

Sponsors of the Challenge provide mentors, time on the supercomputers, tutorial sessions, and awards at the end of the year.

The program has no grade point, class enrollment, or computer experience prerequisites. Participants come from public, private, parochial, and home schools in all areas of New Mexico. The important requirement for participation is a real desire to learn about science and computing.

The Supercomputing Challenge culminates with a presentation of the projects that are judged by several professionals from around New Mexico in a competition for awards of trophies, cash, and scholarships for the individuals and computer equipment for the schools. The awards ceremony is held at Los Alamos National Laboratory in April. Participants tour the Lab and hear talks about current research during the event.

Past Participation
Sponsors

**Primary Sponsors**
Los Alamos National Laboratory
New Mexico Consortium
Triad National Security, LLC

**Platinum Partners**
Sandia National Laboratories

**Gold Partners**
Westwind

**Silver Partners**
Encantado Foundation, Gulfstream Group, bigbyte.cc, LANL Foundation, META, PNM

**Educational Partners**
CCL, CNM, ENMU, MIT StarLogo, NMHU, NM Tech, NM Public Ed Dept, NMSU, NMTIE, NNMC, SJC, SFCC, UNM

For complete list, go to: supercomputingchallenge.org

Win Awards and Prizes!

Interested in Computers, Science or Math?

Gender: 43% female, 57% male

Ethnicity

- White
- Hispanic
- American Indian
- Asian
- African American
- Declined to say
- multi

For more information see: supercomputingchallenge.org
consult@supercomputingchallenge.org

Join the New Mexico