

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.

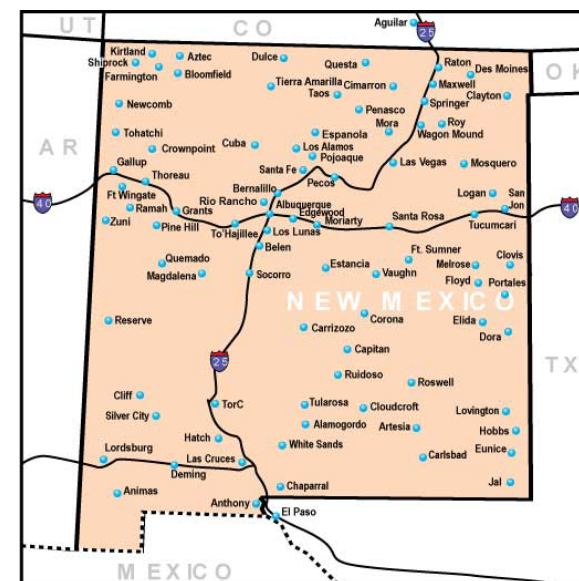
Sponsors of the Challenge provide mentors, time on the supercomputers, tutorial sessions, and awards at the end of the year.

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 the 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
Triad National Security, LLC

Gold Partners

New Mexico Consortium
Sandia National Laboratories

Silver/Bronze Partners

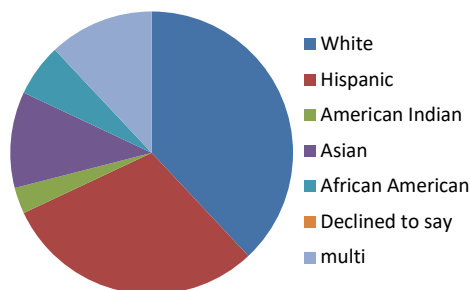
Gulfstream Group/bigbyte.cc, LANL
Foundation, PNM, Westwind, NMTIE,
Simtable

Educational Partners

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

For complete list, go to:
supercomputingchallenge.org

2024-25 Ethnicity



2024-25 participation:
46% female, 54% male

Win Awards and Prizes!



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Interested in
Computers,
Science or
Math?

In
Middle or
High School?

Join the
New Mexico

