

2026

STEM Institute



Apply online at
osc.edu/si

Apply by: April 1

May 31–June 12, 2026

Learn and explore the world of supercomputing

The Ohio Supercomputer Center's STEM Institute (SI) empowers Ohio's future STEM leaders to develop their passions through high-impact learning experiences and immersive teamwork. This unique residential program is for high school students currently in their freshman, sophomore, or junior years of high school.

Working in small teams alongside peers and experts, students investigate complex, real-world science and engineering problems using computational science on actual supercomputers. Participants also develop team-building skills and get a taste of college life while living and dining at The Ohio State University.

Past SI student projects include video game programming and motion capture, network design and engineering, parallel processing, visualization, and more.

