2026

Youth STEM Institute

ysi

Apply online at osc.edu/ysi

Apply by: April 1

Ohio Supercomputer Center

July 12–17, 2026

Introducing middle schoolers to exciting STEM careers

The Ohio Supercomputer Center's Youth STEM Institute (YSI) empowers 6th and 7th-graders to explore their interests in computer science, math, science, and engineering through hands-on experiences.

Participants work on engaging scientific projects that utilize cutting-edge technology, analyze data, and visualize results while learning core computer skills.

Students stay in dorms at The Ohio State University for a weeklong residential program, which features a water quality testing activity at Big Darby Creek and collaborative learning experiences led by OSC experts. By the end of the week, students gain confidence in their abilities and discover how exciting it can be to use technology to solve real-world problems.