

Student Summer Programs at ORAU

ORAU and ORISE are hosting a variety of summer programs for students at ORAU in Oak Ridge, TN this summer. Please see the descriptions below listed in chronological order. We hope to see you this summer!

ORISE Robotics Academy

June 3 – June 7, 2024

8:30 am – 4:30 pm

For rising 10th - 12th graders

Register at: <https://zintellect.com/Opportunity/Details/2024-ORISE-RoboticsAcademy>

The ORISE Robotics Academy is a week-long day camp for rising 10th, 11th, and 12th grade students. Working in small teams, students will learn the basics of designing, building, and programming a robot. The week will be filled with exciting and challenging activities! Students will develop skills and mindsets to help them to grow into engineers, computer programmers, and technology leaders of the future.

This is an introductory program, and no prior experience or knowledge is needed.

Math & Movement Mini-Academy

June 10, 2024

1:00pm – 4:00pm

For rising 1st – 3rd graders

Register at: <https://orausurvey.ornl.gov/n/MathandMovement20241st3rd.aspx>

June 11, 2024

1:00pm – 4:00pm

For rising 4th – 6th graders

Register at: <https://orausurvey.ornl.gov/n/MathandMovement20244th6th.aspx>

Math & Movement is a curriculum designed to keep kids feeling good about math. Your elementary school student can practice valuable basic math skills while exercising their bodies as well as their minds. Registration is on a first-come-first-served basis. We will have an alternate list to contact if spaces become available. This is a half-day program.

Artificial Intelligence Mini-Academy

June 12 - June 13, 2024

9:00 am – 4:00 pm

For rising 7th - 9th graders

Register at: <https://zintellect.com/Opportunity/Details/2024-ORISE-AI>

The ORISE Artificial Intelligence (AI) Mini-Academy is a two-day program to introduce middle school students to AI and its uses and applications. Students will engage in exciting and challenging activities over the two-day period to develop skills and knowledge that will help them grow into the technology leaders of the future.

This is an introductory program, and no prior experience or knowledge is needed.

Boe-Bots Academy

June 17 – June 21, 2024

8:30 am – 4:30 pm

For rising 7th - 9th graders

Register at: <https://zintellect.com/Opportunity/Details/2024-ORISE-BoeBots>

The ORISE Boe-Bots Academy is a week-long day camp for rising 7th, 8th, and 9th grade students filled with exciting and challenging activities. Working in small teams, students will design, build and program a robot.

This is an introductory program, and no prior experience or knowledge is needed.

Forensic Chemistry Mini-Academy

June 24 – June 25, 2024

8:30 am – 4:30 pm

For rising 7th - 9th graders

Register at: <https://zintellect.com/Opportunity/Details/2024-ORISE-ForensicChemistry>

The ORISE Forensic Chemistry Mini-Academy is a two-day program that introduces middle school students to Forensic Chemistry. Students will solve a mystery by collecting and analyzing evidence using techniques such as chromatography, fingerprinting, shoe imprinting, blood typing, and fiber analysis.

This is an introductory program, and no prior experience or knowledge is needed.

KinderCoding Mini-Academy

June 26, 2024

8:30 am – 4:30 pm

For rising 1st – 3rd graders

Register at: <https://orausurvey.orau.org/n/2024KinderCoding.aspx>

The ORISE KinderCoding Mini-Academy is a day-long introduction to the basics of coding for younger elementary students. Let them see that coding can be easy while they learn and practice new skills with their peers. Registration is on a first-come-first-served basis. We will have an alternate list to contact if spaces become available.

This is an introductory program, and no prior experience or knowledge is needed.

Coder's Quest Mini-Academy

June 27, 2024

8:30 am – 4:30 pm

For rising 4th – 6th graders

Register at: <https://orausurvey.orau.org/n/2024CodersQuest.aspx>

The ORISE Coder's Quest Mini-Academy is a day-long class that introduces upper elementary students to coding. Students will learn and practice new skills related to coding! Registration is on a first-come-first-served basis. We will have an alternate list to contact if spaces become available.

This is an introductory program, and no prior experience or knowledge is needed.

Students will need an account at [Zintellect.com](https://www.zintellect.com) to apply to Artificial Intelligence, Forensic Chemistry, Boe Bots, and Robotics. Accounts should be made in the student's name, even if a parent's email address is used.
