

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. We hope to see you this summer!

Advanced Robotics Academy

Rising high school students with prior robotics experience

June 5-9, 2023 from 8:30am – 4:30pm

Pollard Technology Conference Center in Oak Ridge, TN

Apply at: <https://zintellect.com/Opportunity/Details/2023ORISEAdvRobotics>

The ORISE Advanced Robotics Academy is a week-long day camp for rising 9th, 10th, 11th, and 12th grade students who already have a basic knowledge of building and programming a robot. The week will be filled with exciting and challenging activities! Working in small teams, students will move beyond robotics basics and explore autonomous operation and machine learning. Students will develop skills and mindsets to help them to grow into engineers, computer programmers, and technology leaders of the future. Participants should have prior experience with robotics. This Academy is not designed for beginners.

Artificial Intelligence Mini-Academy

Rising 7th - 9th graders

June 12-13, 2023 from 9:00am – 4:00pm

ORAU in Oak Ridge, TN

Apply at: <https://zintellect.com/Opportunity/Details/2023ORISEAI>

The ORISE Introduction to 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 to help them grow into technology leaders of the future. This is an introductory program and no prior experience or knowledge is needed.

Students will need an account at Zintellect.com to apply to the two Academies above. Accounts should be made in the student's name, even if a parent's email address is used.

Math Exploration Day

June 15 or 16, 2023 from 8:30am – 3:30pm

ORAU in Oak Ridge, TN

June 15, 2023 for rising 1st – 3rd graders

Register at: <https://orausurvey.ornl.gov/n/MathExplorationDay1.aspx>

June 16, 2023 for rising 4th – 6th graders

Register at: <https://orausurvey.ornl.gov/n/MathExplorationDay2.aspx>

Math Exploration Day is a fun and education-filled day of challenges to let your elementary student practice their math skills and collaborate with peers. Registration is on a first-come-first-served basis. We will have an alternate list to contact if spaces become available.

Boe-Bots Academy

Rising 7th - 9th graders

June 19-23, 2023 from 8:30am – 4:30pm

ORAU in Oak Ridge, TN

Apply at: <https://orausurvey.orau.org/n/BoeBotsMiniAcademy.aspx>

The 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.

Scratch Programming Mini-Academy

Rising 6th – 8th graders

June 21, 2023 from 1:00pm – 3:30pm

ORAU in Oak Ridge, TN

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

The Scratch Programming Mini-Academy is a chance for your middle school student to get an introduction to coding and see just how easy it can be! Registration is on a first-come-first-served basis. We will have an alternate list to contact if spaces become available.

Math and Movement Mini-Academy

June 28 or 30, 2023 from 1:00pm – 4:00pm

ORAU in Oak Ridge, TN

June 28, 2023 for rising 1st – 3rd graders

Register at: <https://orausurvey.orau.org/n/MathandMovementDay1.aspx>

June 30, 2023 for rising 4th – 6th graders

Register at: <https://orausurvey.orau.org/n/MathandMovementDay2.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.

KinderCoding Class

Rising 1st – 3rd graders

July 6, 2023 from 8:30am – 3:30pm

ORAU in Oak Ridge, TN

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

KinderCoding Class is a day-long introduction to the basics of coding for 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.