



# GIFTED RESOURCE CENTER GUIDE

## YOUTH PROGRAMS AND SERVICES



CONNECTING BRIGHT MINDS;  
NURTURING INTELLECTUAL AND PERSONAL GROWTH

[www.educationaladvancement.org](http://www.educationaladvancement.org)

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# INTRODUCTION



The Gifted Resource Center (GRC) is a free public tool created and curated by the *Institute for Educational Advancement (IEA)* which serves as an online database of resources appropriate for the gifted learner from Preschool through High School.

The GRC contains an abundance of resources and information regarding advocacy, gifted programs and organizations, schools, scholarships, supplemental learning opportunities, testing and counseling professionals, and the twice-exceptional (2e) learner. IEA conducts research to provide students, their families, and others interested in gifted education with the most relevant and pertinent information. This guide is a compilation of the resources under the Youth Programs and Services category of the GRC.

For many gifted students, parents and educators, finding the right after-school enrichment or summer program can be overwhelming, given the myriad of websites online. By filtering these websites and organizing programs for gifted learners according to region and interest area, we hope to streamline the search process for you.

## **About Institute for Educational Advancement**

The *Institute for Educational Advancement (IEA)* is a 501(c)(3) nonprofit organization dedicated to the intellectual, creative and personal growth of our nation's gifted and high-potential youth. Central to the mission of IEA is a commitment to the development of the whole child through engaging educational experiences that promote optimal challenge, mentorship, exploration of ideas and recognition of personal potential. IEA seeks to connect like-minded individuals and supports a diverse community that creates a sense of belonging and affirmation. For more information, visit us at [www.educationaladvancement.org](http://www.educationaladvancement.org).

*IEA has made every effort to ensure the accuracy and quality of the enclosed contents. IEA is not liable to any inaccuracies. For questions, to update information or submit changes, please contact IEA at [ieagifted@educationaladvancement.org](mailto:ieagifted@educationaladvancement.org).*

# NATIONAL/MULTI-STATE

## A BETTER CHANCE

6-8 · 9-12

A Better Chance's mission is to increase substantially the number of well-educated young people of color who are capable of assuming positions of responsibility and leadership in American society. They carry out this mission through their signature College Preparatory Schools Program ("CPSP"), which annually recruits, refers and supports about 500 A Better Chance Scholars at more than 300 of the nation's leading boarding, day and public schools.

**Website:** [abetterchance.org](http://abetterchance.org)

## CANADA/USA MATH CAMP

9-12

Canada/USA Mathcamp is an intensive 5-week-long summer program for mathematically talented high school students, designed to expose these students to the beauty of advanced mathematical ideas and to new ways of thinking. More than just a summer camp, Mathcamp is a vibrant community, made up of a wide variety of people who share a common love of learning and passion for mathematics. At Mathcamp, students can explore undergraduate and even graduate-level topics while building problem-solving skills that will help them in any field they choose to study.

**Website:** [www.mathcamp.org](http://www.mathcamp.org)

## DIGITAL MEDIA ACADEMY

6-8 · 9-12

Digital Media Academy is a nationally recognized organization that provides hands-on summer residential and day computer camps for teens as well as youth (ages 9-13).

**Website:** [www.digitalmediaacademy.org](http://www.digitalmediaacademy.org)

## DUKE TIP

K-5 · 6-8 · 9-12

Duke University Talent Identification Program (TIP) is a nonprofit organization dedicated to serving academically gifted and talented youth from fourth through twelfth grade. Duke TIP works with students, their families, and educators to identify, recognize, challenge, engage, and help students reach their highest potential. Qualifying fourth, fifth, and sixth grade students may participate in Duke TIP's 4th–6th Grade Talent Search and may take advantage of its optional above-level testing. The 7th Grade Talent Search, which focuses on the identification, recognition, and support of high-ability students, offers qualifying seventh grade students the opportunity to take college entrance exams alongside high school students. Many 7th Grade Talent Search participants go on to earn exceptionally high scores. Talent Search participants in grades 5-12 can also elect to attend TIP's renowned residential programs, which challenge gifted students academically within a uniquely supportive social community. Duke TIP also offers gifted students a wide range of independent and distance learning courses.

**Website:** [tip.duke.edu/](http://tip.duke.edu/)

## GIRLS WHO CODE SUMMER IMMERSION PROGRAM

9-12

Girls Who Code offers a free 7-week summer program for current 10th-11th grade girls to learn coding and get exposure to tech jobs. Each week the program covers projects related to computer science, such as art, storytelling, robotics, video games, web sites, and apps. Participants will also hear from guest speakers, participate in workshops, connect with female engineers and entrepreneurs, and go on field trips. The program culminates in a final project where students build their own product and share it with the class.

**Website:** [www.girlswhocode.com/summer-immersion-programs](http://www.girlswhocode.com/summer-immersion-programs)

## **ID TECH CAMP**

**K-5 · 6-8 · 9-12**

This summer, explore a top campus, make friends as you master new tech skills, and join a community of 275,000 iD Tech students and alumni who are organizing robotics clubs, starting companies, founding nonprofits, and landing jobs at tech powerhouses like Facebook and Google. For 18 years, it has been ID Tech Camp's mission to empower the next generation of coders, app developers, game designers, engineers, and innovators.

**Website:** [www.idtech.com](http://www.idtech.com)

## **IMACS**

**K-5 · 6-8 · 9-12**

Programs at the Institute for Mathematics and Computer Science (IMACS) are designed to expand your child's mind through the development of critical thinking, logic and reasoning skills. IMACS offers after-school, weekend, summer, homeschool, and online courses.

**Website:** [www.imacs.org/math-computer-science](http://www.imacs.org/math-computer-science)

## **JOHNS HOPKINS CTY CIVIC LEADERSHIP INSTITUTE**

**9-12**

Through an introductory course in Service, Leadership & Community Transformation, students are challenged to learn in new ways and apply their skills in real-world settings. Several times a week, in their class groups, students engage in service projects that span neighborhoods, organizations, and approaches to addressing social problems. A series of all-campus guest speakers allows students to hear from top government, business and nonprofit leaders about their experiences, perspectives, and advice for young people wanting to create change. Over the course of the program, students identify a need in their community and create a plan to address it, applying the tools they learned throughout the course to an area of personal interest.

**Website:** [www.cty.jhu.edu/summer](http://www.cty.jhu.edu/summer)

## **JUNIPER INSTITUTE FOR YOUNG WRITERS**

**9-12**

The Juniper Institute for Young Writers is a nine-day creative writing programs for students who have completed their sophomore, junior, or senior years of high school. Hosted by the University of Massachusetts MFA Program for Poets and Writers, the Institute offers students a unique opportunity to participate in intensive creative writing workshops, craft sessions, and studio courses designed especially for young writers.

**Website:** [www.umass.edu/juniperyoungwriters](http://www.umass.edu/juniperyoungwriters)

## **LAUNCHX**

**9-12**

LaunchX holds a summer program to tap into the potential of ambitious high school students, supporting them through the process of launching an actual startup. This four-week, intensive program allows young entrepreneurs to learn from industry experts and work in a group of peer cofounders to build real products and solve business challenges.

**Website:** [www.launchx.com/summer-program](http://www.launchx.com/summer-program)

## **LEDA SCHOLARS**

**9-12**

LEDA is a national, not-for-profit organization dedicated to identifying and developing the academic and leadership potential of exceptional public high school students from socioeconomically disadvantaged backgrounds. Each year, LEDA recruits a new cohort of LEDA Scholars – 100 qualified high school juniors who show leadership potential but lack the exposure and support they need to attend highly selective colleges. LEDA Scholars receive leadership training, writing instruction, standardized test preparation and a year of highly personalized guidance as they navigate the application and admissions process at the most competitive colleges. Throughout college and beyond, Scholars are offered ongoing advising,

career counseling, postgraduate planning and community-building support to help them succeed and lead.

**Website:** [www.ledascholars.org](http://www.ledascholars.org)

## **MATHPATH**

6-8

MathPath is an advanced summer program in rotating locations for students ages 11-14 who show high promise and love mathematics. The program offers month-long summer gatherings with the highest residential standards, instructional programs suited to the extremely gifted, and developmental opportunities, both academic and social.

**Website:** [www.mathpath.org](http://www.mathpath.org)

## **ROBINSON CENTER FOR YOUNG SCHOLARS AT THE UNIVERSITY OF WASHINGTON** K-5 · 6-8 · 9-12

The Halbert and Nancy Robinson Center for Young Scholars (RC) at the University of Washington is dedicated to teaching, research, and service, and to developing programs that serve highly capable young pre-college and college students. Through Early Entrance Programs (EEP), Transition Schools, enrichment and summer programming, RC provides intensive, in-depth learning experiences for gifted students in need of challenge. The Robinson Center for Young Scholars is located in Seattle, Washington, though out-of-state applicants can apply to UW Academy for early entrance.

**Website:** [www.robinsoncenter.uw.edu](http://www.robinsoncenter.uw.edu)

## **RUSSIAN SCHOOL OF MATHEMATICS**

K-5 · 6-8 · 9-12

The Russian School of Mathematics is an award-winning afterschool math enrichment program for K-12 students. Over 16 years, RSM has developed a unique accredited math academy curriculum focused on developing core fundamentals and logical thinking. RSM's curriculum is separated into multiple levels, allowing the experience to be tailored for students of different proficiencies. Developed by a team of passionate and knowledgeable experts and based on innovative research into children's mental development, RSM offers a variety of programs for Elementary, Middle and High school students including summer school, overnight camp, tutoring, and online classes. The Russian School of Mathematics is based out of Newton, Massachusetts.

**Website:** [www.russianschool.com](http://www.russianschool.com)

## **SET AT JOHNS HOPKINS CTY**

6-8 · 9-12

The Julian C. Stanley Study of Exceptional Talent (SET) was created to help extremely talented students achieve their full potential, and through its research and advocacy initiatives, to enhance the educational opportunities available for academically advanced students. Since 1980, SET has assisted students throughout the world who exhibit extraordinary mathematical or verbal reasoning ability by scoring at least 700 on either the Mathematical or Verbal (Critical Reasoning) part of the SAT before the age of 13.

**Website:** [www.cty.jhu.edu/set](http://www.cty.jhu.edu/set)

## **STUDENT CONSERVATION ASSOCIATION**

9-12

SCA offers a tuition-free summer volunteer program for high school students, as well as 3-12-month expenses-paid internships for those 18 and older. SCA's mission is to create the next generation of conservation leaders through active stewardship of the environment.

**Website:** [www.thesca.org](http://www.thesca.org)

## **SUMMER DISCOVERY**

6-8 · 9-12

Summer Discovery is a pre-college academic enrichment program offering middle school and high school students a meaningful summer experience with lifelong value. Choose from over 300 interactive

courses at 14 different university locations in the United States and abroad. Their summer programs combine academics with social activities, travel, recreation, and sports.

**Website:** [www.summerdiscovery.com](http://www.summerdiscovery.com)

### **SUMMER INSTITUTE FOR THE GIFTED**

**K-5 · 6-8 · 9-12**

Through 32 years of experience and resources in gifted education, SIG provides a unique environment for gifted and talented students to connect with peers in a community of like-minded learners from all over the world who share common interests, abilities, and goals. These 3-week summer sessions will allow your child to mature and develop in every element of life, develop long-lasting and meaningful relationships, increase self-confidence, and think in divergent ways, all within a safe and secure environment at a prestigious campus. Programs are offered at college campuses across the country.

**Website:** [www.giftedstudy.org](http://www.giftedstudy.org)

### **SUMMER MATH AND SCIENCE HONORS**

**9-12**

The Summer Math and Science Honors Academy (SMASH) is a free of cost, STEM-intensive college preparatory program for underrepresented high school students of color. SMASH boasts a rigorous 5-week, 3-year summer, fully residential STEM enrichment program which provides access to STEM coursework and access to mentors, role models, and support networks of students of color. Each summer, SMASH scholars spend five weeks on a college campus immersed in STEM and live among other high-potential, underrepresented (African American, Latino/a, Native American, Southeast Asian or Pacific Islander, low-income, first-in-family to attend college) high school students.

**Website:** [www.lpfi.org/programs/smash](http://www.lpfi.org/programs/smash)

### **SUMMER SCIENCE PROGRAM**

**9-12**

The Summer Science Program (SSP) is a 39-day residential enrichment program designed to challenge and inspire highly gifted high school students (rising seniors) from around the world. Students are immersed in hands-on research and gain experience being in a STEM career.

**Website:** [www.summerscience.org](http://www.summerscience.org)

### **TECH TREK BY AAUW**

**6-8**

Tech Trek is a summer STEM camp for girls created and sponsored by the American Association of University Women (AAUW), the nation's leading voice in advancing equity for women and girls through advocacy, education, philanthropy, and research. Since 1998, AAUW has helped change girls' lives through Tech Trek, an experiential summer camp backed by research and designed to make STEM exciting and accessible to girls in middle school – the age when research shows girls' participation in these fields drops.

**Website:** [www.aauw.org/what-we-do/stem-education/tech-trek/](http://www.aauw.org/what-we-do/stem-education/tech-trek/)

### **TELLURIDE ASSOCIATION SUMMER PROGRAMS**

**9-12**

The Telluride Association Summer Program (TASP) is a free summer program for high school juniors, where students take a challenging six-week college-level seminar. The seminars are held at Cornell University and the University of Michigan. TASP students are expected to participate in class discussions, attend faculty lectures, and present on a topic of their choice. Each program is designed to bring together young people from around the world who share a passion for learning. Students attend TASP because they want a personal and intellectual challenge. TASP is an opportunity for high school juniors to experience being in a college environment, and improve their reading, writing, speaking, and critical thinking skills.

**Website:** [www.tellurideassociation.org/our-programs/high-school-students](http://www.tellurideassociation.org/our-programs/high-school-students)

## THE JACKSON LABORATORY SUMMER STUDENT PROGRAM

9-12

The Summer Student Program is designed for students age 16 and up who want to immerse themselves in genetics and genomics research. It emphasizes laboratory discovery, communication of knowledge, and professional growth. At the end of the summer, participants present findings to researchers, students, and parents.

**Website:** [www.jax.org/education-and-learning/high-school-students-and-undergraduates](http://www.jax.org/education-and-learning/high-school-students-and-undergraduates)

## VANDERBILT PROGRAMS FOR TALENTED YOUTH

K-5 · 6-8 · 9-12

Camilla Benbow, Dean of the Peabody College of Education and Human Development and co-director of the Study of Mathematically Precocious Youth, founded Vanderbilt Programs for Talented Youth in 2000 as a summer academic program for gifted middle and high school students. PTY has since expanded to include programs for talented children in grades K-12 as well as their families and educators.

**Website:** [www.pty.vanderbilt.edu](http://www.pty.vanderbilt.edu)

## YUNASA

6-8 · 9-12

Designed and led by experts in the field of gifted youth, Yunasa Summer Camps support the whole gifted child, encouraging growth and support of campers intellectually, socially, emotionally, spiritually, and physically. Yunasa – the Indian Lakota word for “Balance” – provides a combination of traditional sleep-away camp experience and special workshops designed specifically to help gifted learners understand their abilities and needs as they develop greater awareness and self-acceptance. Camps are offered every summer in Sedalia, Colorado and Flint, Michigan and are open to campers nationwide ages 10 to 15.

**Website:** [www.educationaladvancement.org/programs/yunasa](http://www.educationaladvancement.org/programs/yunasa)

# ALABAMA

## STUDENT INTRODUCTION TO ENGINEERING SUMMER CAMP

9-12

Student Introduction To Engineering (SITE) is a summer program for rising high school juniors and seniors who are interested in science, technology, engineering and mathematics, hosted by The University of Alabama College of Engineering.

**Website:** [www.site.eng.ua.edu](http://www.site.eng.ua.edu)

## UNIVERSITY OF ALABAMA IN HUNTSVILLE: ENGINEERING SUMMER CAMPS

6-8 · 9-12

Engineering and Cybersecurity camps are week-long day camps designed for high school students interested in learning about the various fields of engineering. Some programs are free due to a grant from the National Security Agency, National Science Foundation, and GenCyber program.

**Website:** [www.uah.edu/eng/summer-camps](http://www.uah.edu/eng/summer-camps)

# ALASKA

## ALASKA SUMMER RESEARCH ACADEMY

6-8 · 9-12

The Alaska Summer Research Academy promotes creativity and intellectual curiosity through hands-on, open-ended experiences in STEM. ASRA students engage with mentors and peers to explore scientific concepts, investigate student-driven questions, and solve problems.

**Website:** [www.uaf.edu/asra](http://www.uaf.edu/asra)



# ARKANSAS

## ARKANSAS GOVERNOR'S SCHOOL

9-12

The Arkansas Governor's School is a free six-week summer residential program for gifted and talented students who are upcoming high school seniors and residents of the state of Arkansas.

**Website:** [www.hendrix.edu/ags](http://www.hendrix.edu/ags)

# CALIFORNIA

## ACADEMIC TALENT SEARCH

K-5·6-8·9-12

Academic Talent Search provides academically challenging, fast-paced courses to highly able and motivated 4th through 9th grade students in the greater Sacramento area. Teaching staff includes University faculty, community college professors, area public and private school instructors, and industry professionals.

**Website:** [www.csus.edu/coe/ats](http://www.csus.edu/coe/ats)

## ARDENT ACADEMY FOR GIFTED YOUTH

PRE-K·K-5·6-8·9-12

Ardent Academy for Gifted Youth maximizes the potential of gifted youth to become life-long learners and leaders for the 21st century by developing their problem solving skills and building their character. Located in Irvine, California, Ardent Academy offers advanced courses for students Pre-K through high school in Mathematics, Physics, Chemistry, Biology, Programming, and Engineering.

**Website:** [www.ardentacademy.com](http://www.ardentacademy.com)

## CODEREV

K-5·6-8·9-12

CodeREV Kids provides classes and curriculum for students ages 6 to 18, focused on exploring STEM by learning coding, technology, and robotics. Classes are project based, allowing students to engage in deep learning through unique creations and hands on projects. CodeREV offers classes and summer tech camps in a variety of locations throughout Southern California: Santa Monica, Solana Beach, Encino, Irvine, Beverly Hills, Fountain Valley/Huntington Beach, and Malibu/Palisades.

**Website:** [www.coderevkids.com](http://www.coderevkids.com)

## DESIGN THE FUTURE

9-12

Design the Future is a week-long, fully immersive design thinking summer program for rising 9th, 10th, 11th and 12th graders in which students work to solve some of the biggest challenges facing our world today. Students work to design solutions to real problems faced by individuals with physical disabilities. Through hands-on experiences, students learn to employ the design thinking process by working to address real challenges using the steps of Empathy, Definition, Ideation, Prototyping, and Testing.

**Website:** [www.bkmclamorefoundation.org](http://www.bkmclamorefoundation.org)

## EARTHWATCH IGNITE

9-12

The Ignite LA Student Science Awards is an innovative program that aims to stimulate curiosity and interest in science and technology through participation in a fully-funded, scientific research expedition during the summer. While on the expedition, you and your peers will conduct a variety of field and laboratory research activities, collecting data on some of the world's most pressing environmental and sustainability issues.

**Website:** [www.earthwatch.org/education/student-fellowships/ignite](http://www.earthwatch.org/education/student-fellowships/ignite)

## GIRLS GARAGE

K-5 · 6-8 · 9-12

Girls Garage is a one-of-a-kind design and building program and dedicated workspace for girls ages 9 to 17. Located in Berkeley, California, it offers after-school programs, summer camps, and workshops.

**Website:** [www.girlsgarage.org](http://www.girlsgarage.org)

## IEA ACADEMY

K-5 · 6-8

IEA Academy is a program of the *Institute for Educational Advancement* which provides students in Kindergarten through 8th grade with advanced learning opportunities that promote exploration and application of knowledge. Classes are taught by content-area specialists and taught at a flexible pace to accommodate the learning needs of gifted and 2e students. Classes are small and grouped by ability rather than chronological age. IEA Academy sessions take place in Pasadena, California and are held seasonally: fall, spring and summer (three sessions hosted each summer).

**Website:** [www.educationaladvancement.org/programs/iea-academy](http://www.educationaladvancement.org/programs/iea-academy)

## IEA EXPLORE

9-12

IEA's EXPLORE (Externships Providing Leadership Opportunities for Research and Education) offers a unique opportunity for high-potential secondary students to gain real-world, hands-on experience in a field or subject of interest. Externs develop positive life-changing relationships with Mentors and a diverse cohort of other highly motivated and creative people. Externs perform advanced research, immerse themselves in challenging and intensive learning experience, and develop leadership, interpersonal, critical thinking, and creative problem-solving skills.

**Website:** [www.educationaladvancement.org/programs/iea-explore](http://www.educationaladvancement.org/programs/iea-explore)

## MATH ACADEMY

6-8

Math Academy is a Pasadena Unified School District program aimed at radically accelerating the learning curve of its mathematically gifted students by providing a curriculum that matches their abilities. The goal of Math Academy is to prepare these students to excel in the honors math and science programs at the most elite universities in the world.

**Website:** [www.mathacademy.us](http://www.mathacademy.us)

## RESEARCH MENTORSHIP PROGRAM AT UC SANTA BARBARA

9-12

The Research Mentorship Program is a competitive, six-week summer program that engages qualified, high-achieving high school students from all over the world in interdisciplinary, hands-on, university-level research. Students will be paired up with a mentor (graduate student, postdoc, or faculty) and choose a research project from a large list of disciplines offered by the program each year.

**Website:** [www.summer.ucsb.edu/pre-college/research-mentorship-program-rmp](http://www.summer.ucsb.edu/pre-college/research-mentorship-program-rmp)

## SCHOOLING FOR LIFE

9-12

Schooling For Life is a non-profit organization in the Los Angeles area, providing educational enrichment for high-achieving high school students.

**Website:** [www.schoolingforlife.org](http://www.schoolingforlife.org)

## STANFORD HIGH SCHOOL SUMMER COLLEGE

9-12

Stanford High School Summer College offers academically outstanding high school students the opportunity to take Stanford College courses and earn university credit. Program participants enroll as visiting undergraduates in Stanford's Summer Quarter and take the same courses, taught by the same Stanford faculty, as matriculated Stanford students.

**Website:** [www.summercollege.stanford.edu/about](http://www.summercollege.stanford.edu/about)

## **STANFORD INSTITUTES OF MEDICINE SUMMER RESEARCH PROGRAM**

9-12

The Stanford Institutes of Medicine Summer Research Program (SIMR) is an eight-week program in which high school students from diverse backgrounds are invited to perform basic research with Stanford faculty, postdoctoral fellows, students and researchers on a medically-oriented project. The goals of the program include increasing interest in biological sciences and medicine in high school students, helping students to understand how scientific research is performed, and increasing diversity of students and researchers in the sciences.

**Website:** [www.simr.stanford.edu](http://www.simr.stanford.edu)

## **UC BERKELEY'S ADTP ELEMENTARY DIVISION**

K-5 · 6-8

ADTP's Elementary Division, administered through UC Berkeley's Graduate School of Education, offers a variety of stimulating and challenging classes designed for academic advancement and enrichment. The Elementary Division is open to students who have completed any grade from Kindergarten to 6th Grade.

**Website:** [www.atdp.berkeley.edu/ed/](http://www.atdp.berkeley.edu/ed/)

## **UC BERKELEY'S ADTP SECONDARY DIVISION**

6-8 · 9-12

ADTP's Secondary Division, administered through UC Berkeley's Graduate School of Education, offers challenging courses to highly motivated students who have completed Grades 7 to 11 (and are entering 8 to 12).

**Website:** [www.atdp.berkeley.edu/sd](http://www.atdp.berkeley.edu/sd)

## **UCI GIFTED STUDENTS ACADEMY**

K-5 · 6-8 · 9-12

The Gifted Students Academy, GSA, is an intensive summer program for gifted students, grades 1st through 10th. Participants select courses in each of the major subject areas of math, science, language arts, social studies and the arts and may attend as a commuter student or reside on campus in the UCI residence halls. Courses are offered in one-week modules and span over a four-week period. GSA offers a strong foundation of disciplinary studies while providing students a sampling of campus life. (Students in grades 1 to 3 attend as commuters only.)

**Website:** [www.giftedstudents.uci.edu/gsa](http://www.giftedstudents.uci.edu/gsa)

## **UCLA HIGH SCHOOL SUMMER RESEARCH PROGRAM**

9-12

The UCLA Henry Samueli School of Engineering and Applied Science (HSSEAS) in conjunction with the Engineering Science Corps Outreach Program offers an eight-week summer program that encourages all of its high school participants to consider a future in engineering. They offer research opportunities in all areas of engineering and partner our students with a UCLA Engineering professor and a daily lab supervisor, typically a graduate student. Students conduct their research on the UCLA campus in UCLA Engineering laboratories and facilities. Individual research or a group research project will be assigned to the students for the eight-week program.

**Website:** [www.esc.seas.ucla.edu/high-school-summer-research-program-2](http://www.esc.seas.ucla.edu/high-school-summer-research-program-2)

## **WOOLMAN OUTDOOR SCHOOL**

K-5 · 6-8 · 9-12

Located in the foothills of the Sierra Nevada Mountains in northern California, the Woolman Outdoor School campus offers 236 acres of meadows, woods, streams and ponds as an outdoor classroom. In collaboration with local environmental non-profits and organizations, the Woolman Outdoor School offers an immersive educational experience to visiting youth.

**Website:** [www.woolman.org](http://www.woolman.org)

# COLORADO

## CENTER FOR BRIGHT KIDS: LUMINARY PROJECT

9-12

The Luminary Project is a three-week residential program held on campus for mature rising 8th through 12th graders. Students focus on one intensive course of study for six hours a day that is an equivalent to one full year of honors level high school content or one semester of college content.

**Website:** [www.centerforbrightkids.org/luminary.php](http://www.centerforbrightkids.org/luminary.php)

## CROW CANYON ARCHAEOLOGY SUMMER CAMPS

6-8 · 9-12

At Crow Canyon's archaeology camps, students ages 12 to 18 dig at a real archaeological site in south-western Colorado for a week. These academic/science camps also include opportunities for teens to learn about American Indian cultures. Crow Canyon is currently excavating sites inhabited by ancestral Pueblo Indians (Anasazi) nearly 1,000 years ago.

**Website:** [www.crowcanyon.org](http://www.crowcanyon.org)

## STEM RESEARCH EXPERIENCE AT UNIVERSITY OF COLORADO BOULDER

9-12

In this 4-week non-residential program, CU Boulder faculty and graduate students act as mentors to highly motivated high school students interested in gaining real world laboratory experience. Each mentor works with 2 students, based on research interest.

**Website:** [www.sciencediscovery.colorado.edu/stem-research-experience](http://www.sciencediscovery.colorado.edu/stem-research-experience)

## UNCO CENTER

PRE-K · K-5 · 6-8 · 9-12

The Center for the Education and Study of the Gifted, Talented, Creative Learners at the University of Northern Colorado offers three summer programs for children and youth. They offer a Summer Enrichment Program, a Young Child Program, and a Leadership Enrichment Program.

**Website:** [www.unco.edu/cebs/sep](http://www.unco.edu/cebs/sep)

# DELAWARE

## UNIVERSITY OF DELAWARE EDGE PRE-COLLEGE PROGRAM

9-12

The UD Edge summer college program prepares high school students moving into their junior or senior year for a future as a successful college student. By emphasizing academic excellence, practical skill building and student leadership, Edge offers students the challenge, independence and excitement of a living and learning experience that can only be found at a top national university.

**Website:** [www.udel.edu](http://www.udel.edu)

# GEORGIA

## AMARIO'S ART ACADEMY FOR THE GIFTED AND TALENTED

K-5 · 6-8 · 9-12

In 2005 Amario co-founded Amario's Art Academy for the Gifted and Talented to raise the level of artistic literacy and proficiency of young Metro Atlanta artists. This move galvanized the need for comic and animation classes for homeschoolers and after/out of school students to be challenged on learning the basic principles of comic art at a high level of proficiency.

**Website:** [www.amariosartacademy.com](http://www.amariosartacademy.com)

## EMORY PRE-COLLEGE PROGRAM

9-12

The Emory Pre-College Program is a summer academic program for high school students. It gives college bound rising juniors and rising seniors an exciting glimpse of academic and residential life at a top-ranked national university. High school students may explore topics with professors who are the leading experts in their fields, enroll in classes with college students, and earn transferable college credit.

**Website:** [www.precollege.emory.edu](http://www.precollege.emory.edu)

## SATURDAY SCHOOL FOR SCHOLARS AND LEADERS

K-5 · 6-8

Since 2000, the Brower Youth Award has recognized outstanding youth leaders who are making strides in the environmental movement. Under the umbrella of the New Leaders Initiative, the Brower Youth Awards provides an elevated platform to showcase and honor the accomplishments of young environmental leaders. Each year, six young people based in North America are awarded the prize, joining a growing and diverse cadre of green leaders who are publicly recognized for their sustainable projects, innovative ideas, and informed analyses.

**Website:** [www.saturdayschool.education.gsu.edu](http://www.saturdayschool.education.gsu.edu)

## XANADU SUMMER PROGRAMS

9-12

Xanadu Computer App Development Summer Program is a highly competitive and selective academic computing program for rising 10th through 12th graders with an interest in pursuing a degree in computer science after graduation. The program is hosted at Maynard Jackson High School in Atlanta, Georgia.

**Website:** [www.atlantapublicschools.us](http://www.atlantapublicschools.us)

# HAWAII

## EXCITE CAMP

6-8

The primary goal of Excite Camp is to excite, educate as well as expose middle school students to science, technology, engineering and math (STEM) careers. Because of their under-representation in these fields, Native Hawaiians, girls and other minority groups are given preference. Over the course of three days, 20 middle school girls from Maui County are invited to participate in fun and challenging hands-on STEM projects, as well as take onsite tours of their high tech organizations and companies.

**Website:** [www.womenintech.com/programs/excite-camp](http://www.womenintech.com/programs/excite-camp)

## HAWAII PREPARATORY ACADEMY SUMMER SESSION

6-8 · 9-12

Summer@HPA offers students entering grades 6 through 12 a unique four-week day and boarding experience structured for academic enrichment and designed to make the most of summer and take advantage of our wondrous island-home to 80 percent of the world's ecosystems. The diverse class offerings integrate environmental stewardship and awareness, and sustainability education and practices.

**Website:** [www.hpa.edu/summer-session](http://www.hpa.edu/summer-session)

# ILLINOIS

## CTD SUMMER PROGRAMS AT NORTHWESTERN UNIVERSITY

K-5 · 6-8 · 9-12

From early childhood through elementary, middle and high school, Center for Talent Development (CTD) gifted summer programs encourage gifted kids to explore academic areas of interest and connect with a community of peers. CTD offers life-changing residential and commuter programs provid-

ing challenging enrichment, honors and Advanced Placement courses taught in a highly supportive environment.

**Website:** [www.ctd.northwestern.edu/program\\_type/summer-programs](http://www.ctd.northwestern.edu/program_type/summer-programs)

## INDIANA

### OPERATION CATAPULT

9-12

This nearly three-week-long summer program lets students experience college life, meet new friends, dive into STEM projects and use all the knowledge they've gained by the time they complete their junior year of high school. Rising high school seniors in this program work on projects such as brewing biodiesel or making machines from scratch.

**Website:** [www.rose-hulman.edu/admissions-and-aid/early-planning/operation-catapult](http://www.rose-hulman.edu/admissions-and-aid/early-planning/operation-catapult)

## IOWA

### IOWA ONLINE AP ACADEMY

9-12

Through the Belin-Blank Center for Gifted Education, IOAPA provides online Advanced Placement (AP) courses for Iowa students whose high schools do not offer AP courses. They also offer online AP exam review and professional development for AP teachers.

**Website:** [www2.education.uiowa.edu/belinblank/students/ioapa](http://www2.education.uiowa.edu/belinblank/students/ioapa)

### IOWA STATE UNIVERSITY PROGRAMS FOR TALENTED AND GIFTED

PRE-K · K-5 · 6-8 · 9-12

The goal of the OPPTAG program is to match students with appropriate learning experiences and emphasize an approach to teaching that underscores strengths and encourages high achievement. Additionally, all programs offer extracurricular enrichment experiences that broaden students' knowledge of the world.

**Website:** [www.opptag.iastate.edu](http://www.opptag.iastate.edu)

### IOWA YOUNG WRITERS' STUDIO

9-12

At the Iowa Young Writers' Studio's summer residential program, students will choose a single Core Course of study—Poetry, Fiction, or Creative Writing—as their focus for the two weeks of the program. No matter what course is chosen, classes will be small, 12 or fewer students. Each course is divided into a seminar component and a workshop component. The Iowa Young Writers' Studio is open to any academically motivated student who will have completed at least their sophomore year in high school.

**Website:** [www.iowayoungwritersstudio.org](http://www.iowayoungwritersstudio.org)

## KANSAS

### MASTER-IT!

9-12

Master-It! is a week-long, residential summer program held every year in June. Twenty young women spend a week on the Emporia State University campus to enjoy some science, mathematics and fun such as field trips and social events.

**Website:** [www.emporia.edu/mathecon/outreach/master-it](http://www.emporia.edu/mathecon/outreach/master-it)

# KENTUCKY

## CAMP INNOVATION

K-5 · 6-8

Northern Kentucky University's Camp Innovation Pathways to College Program is an innovative program designed for high potential youth to discover and explore advanced content and engaged learning. All classes provide the opportunity for students to share interests with other children while exploring pathways to intellectual development, academic enhancement, career exploration, and creative artistic fulfillment. Camp Innovation offers transdisciplinary courses infusing entrepreneurship, science, mathematics, social studies, technology, visual and performing arts, and original interdisciplinary studies.

**Website:** [www.nku.eventsair.com/campinnovation/registration/Site/Register](http://www.nku.eventsair.com/campinnovation/registration/Site/Register)

## VAMPY

6-8 · 9-12

The Summer Program for Verbally and Mathematically Precocious Youth (VAMPY) assembles some of the brightest and most enthusiastic 7th through 10th graders from countries around Kentucky, states across the nation, and countries all over the world. For gifted and talented students who crave knowledge and academic challenge, VAMPY offers a life-changing world of both learning and friendship.

**Website:** [www.wku.edu/gifted/vampy](http://www.wku.edu/gifted/vampy)

# LOUISIANA

## ADVANCE PROGRAM

6-8 · 9-12

ADVANCE is a three-week residential program that offers a challenging and rewarding curriculum for gifted and talented students entering grades 8 through 12. Students enroll in one course for three weeks of intense and demanding study. Courses have approximately 15 students and are taught by a diverse and talented group of highly qualified Instructor-Teaching Assistant (TA) teams. These teaching teams are committed to challenging their students and to providing an exceptional educational experience. The classrooms and laboratories utilized are located on the Northwestern State campus in Louisiana.

**Website:** [www.advance.nsula.edu](http://www.advance.nsula.edu)

## SOUTHEASTERN LOUISIANA UNIVERSITY YOUTH PROGRAMS

9-12

Southeastern Louisiana University offers many opportunities for high school students to apply to their early admission program, gifted-talented youth program, as well as their dual enrollment program.

**Website:** [www.southeastern.edu/apply/high\\_school](http://www.southeastern.edu/apply/high_school)

## THE GOVERNOR'S PROGRAM FOR GIFTED CHILDREN

6-8 · 9-12

The Governor's Program for Gifted Children is seven weeks of academic enrichment, artistic opportunity, and friendship. A residential program at McNeese State University, the GPGC is the oldest and most comprehensive enrichment program for gifted students in Louisiana. With an approach that aims to develop the whole child the GPGC provides for the intellectual, creative, and social needs of gifted children.

**Website:** [www.gpgc.org](http://www.gpgc.org)

# MARYLAND

## THE INGENUITY PROJECT

6-8

Since 1993, the Ingenuity Project has worked in collaboration with the Baltimore City Public School System to provide Baltimore's brightest middle school students with a free, highly accelerated, and challenging mathematics and science curriculum. Their mission is to prepare highly capable and motivated students in Baltimore City to achieve at nationally competitive levels in mathematics, science, technology, and related fields. Graduates of the Ingenuity Project are highly sought after by the most elite schools and colleges. The Ingenuity Project has partnerships with Roland Park Middle School, Mt. Royal Middle School, Hamilton Middle School, and Baltimore Polytechnic.

**Website:** [www.ingenuityproject.org](http://www.ingenuityproject.org)

# MASSACHUSETTS

## ADVENTURES IN VETERINARY MEDICINE (AVM)

6-8 · 9-12

Adventures in Veterinary Medicine (AVM) is a fun and engaging career exploration program that will give you a deeper understanding of the veterinary profession and the demands of veterinary school. AVM is housed out of Tufts University's Cummings School of Veterinary Medicine and has programs for middle school, high school, and college students.

**Website:** [www.vetsites.tufts.edu/avm](http://www.vetsites.tufts.edu/avm)

## MINORITY INTRODUCTION TO ENGINEERING AND SCIENCE

9-12

Minority Introduction to Engineering and Science (MITES) is a rigorous six-week residential academic enrichment program for rising high school seniors—many of whom come from underrepresented or underserved communities—who have a strong academic record and are interested in studying and exploring careers in science and engineering. MITES is free for all admitted students.

**Website:** [www.oep.mit.edu/programs/mites/program-details](http://www.oep.mit.edu/programs/mites/program-details)

## MIT PRIMES

9-12

MIT PRIMES (Program for Research in Mathematics, Engineering and Science) is a free, year-long after-school research program for high school students. PRIMES includes four sections: MIT PRIMES, PRIMES-USA, PRIMES Circle, and PRIMES STEP. MIT PRIMES offers research projects and guided reading to students living within driving distance from Boston. Program participants work with MIT researchers on exciting unsolved problems in mathematics, computer science, and computational biology. PRIMES-USA is a distance mentoring math research section for high school juniors from across the United States (outside of Greater Boston). PRIMES Circle is a math enrichment section for high school students from underrepresented groups living within commuting distance from Boston. PRIMES STEP is a math enrichment section for middle school students from Greater Boston.

**Website:** [www.math.mit.edu/research/highschool/primes](http://www.math.mit.edu/research/highschool/primes)

## MIT WOMEN'S TECHNOLOGY PROGRAM

9-12

The MIT Women's Technology Program (WTP) is a rigorous four-week summer academic and residential experience where female high school students explore engineering through hands-on classes, labs, and team-based projects in the summer after 11th grade. Students attend WTP in either Electrical Engineering and Computer Science (EECS) or Mechanical Engineering (ME).

**Website:** [www.wtp.mit.edu](http://www.wtp.mit.edu)



## SMITH COLLEGE PRECOLLEGE PROGRAMS

9-12

Every summer, Smith College offers unique opportunities for high school girls who wish to pursue academic interests outside of the classroom. Their programs include Field Studies for Sustainable Futures, Hidden Lives: Discovering Women's History, Summer Science and Engineering Program, Young Women's Writing Workshop, as well as a college admission workshop. Students get to experience life on a college campus and meet motivated college-bound young women.

**Website:** [www.smith.edu/summer](http://www.smith.edu/summer)

## MICHIGAN

### HIGH SCHOOL HONORS PROGRAM AT MICHIGAN STATE UNIVERSITY

9-12

HSHSP has the goal to provide students from across the U.S. and territories who are entering 12th grade with the opportunity to engage in intensive research work over a seven-week period and to interact with peers who come from diverse backgrounds but who share a love of science and/or mathematics.

**Website:** [www.education.msu.edu/hshsp](http://www.education.msu.edu/hshsp)

## MINNESOTA

### CARLETON COLLEGE SUMMER QUANTITATIVE REASONING INSTITUTE (SQRI)

9-12

The Summer Quantitative Reasoning Institute (SQRI) focuses on how to use quantitative data to support one's arguments and evaluate those of others. The Institute is not a "math camp," but an intense program of training in several social science disciplines: political science, economics, and psychology. Students entering 11th and 12th grade will design and engage in a 3-week collaborative research project with peers and faculty.

**Website:** [www.apps.carleton.edu/summer/sqri](http://www.apps.carleton.edu/summer/sqri)

## MISSISSIPPI

### SUMMER ACADEMY AT OLE MISS

9-12

Summer Academy is a two-week academic program designed to provide US and international rising 9th, 10th, 11th, and 12th graders the opportunity to have a glimpse of college life for two weeks during the summer. During their stay on campus, students take one of the different classes offered such as Exam Preparation, Debate, Engineering, Arts, or Literature and earn a ½ Carnegie high school credit for this classwork.

**Website:** [www.outreach.olemiss.edu/youth/summer\\_academy](http://www.outreach.olemiss.edu/youth/summer_academy)

### SUMMER GIFTED STUDIES PROGRAM

K-5 · 6-8

The Summer Gifted Studies Program, a one-week residential program at the University of Southern Mississippi, is designed for intellectually gifted students currently in grades 4 to 8 with intelligence quotients of 121 or above on an individually administered IQ test. Their summer programs provide unique learning opportunities that challenge students to build on their curiosity about the world in which they live. Each course is infused with accelerated academic content that will stretch the imagination and fascinate the interests of students of all ages.

**Website:** [www.usm.edu/karnes-gifted/summer-gifted-studies-program](http://www.usm.edu/karnes-gifted/summer-gifted-studies-program)

# MISSOURI

## COLLEGE FOR KIDS

6-8 · 9-12

College for Kids is a residential summer program for gifted students grades 3rd through 9th. This summer exploration emphasizes academic subjects that encourage creative, critical thinking skills, and at the same time, addresses the affective and physical needs of the gifted. College for Kids is housed on the campus of William Woods University in Fulton, Missouri.

**Website:** [www.collegeforkids.net](http://www.collegeforkids.net)

## GIFTED RESOURCE COUNCIL

K-5 · 6-8

Gifted Resource Council's mission is to bring together the resources of the community, the schools and parents to help bright and talented children achieve their potential. GRC grew into an organization that serves the St. Louis community with three major programs: Academic Challenge Cup (friendly competitions in the areas of math, language skills and creative problem solving), Saturday Learning Labs and Summer Academies.

**Website:** [www.giftedresourcecouncil.org](http://www.giftedresourcecouncil.org)

## MARYVILLE SCIENCE AND ROBOTICS PROGRAM

PRE-K · K-5 · 6-8 · 9-12

The Maryville Science and Robotics Program is an engaging opportunity for students who are interested in science, technology, engineering, and math (STEM) fields. Maryville offers premier, cutting-edge courses for students ages 4 to 16 with highly qualified faculty, including professors, engineers, computer programmers, and gifted certified teachers. They offer small class sizes that are highly differentiated to meet individual student needs. Participants usually work in pairs with ability peers. Class sizes are limited to 12-16 students with an overall faculty/staff to participant ratio of 1:6. Each classroom contains an expert faculty member and a university student assistant teacher.

**Website:** [www.maryville.edu/robot](http://www.maryville.edu/robot)

## MARYVILLE YOUNG SCHOLARS PROGRAM

PRE-K · K-5 · 6-8 · 9-12

The Maryville Young Scholars Program offers a model to increase diversity in gifted programs. The Missouri Department of Elementary and Secondary Education has agreed to a four-year pilot supporting an alternative pathway for gifted identification. This will formally qualify as gifted many of the high ability children in the Maryville Young Scholars Program. Young Scholars have access to extensive summer and after-school enrichment programming.

**Website:** [www.maryville.edu/youngscholars](http://www.maryville.edu/youngscholars)

## MISSOURI SCHOLARS ACADEMY

9-12

The Missouri Scholars Academy is a three-week academic program for 330 of Missouri's gifted students who are ready to begin their junior year in high school. The academy is a residential program held on the campus of the University of Missouri. The program is based on the premise that Missouri's gifted youth must be provided with special opportunities for learning and personal development in order for them to realize their full potential. The majority of the costs of the program are covered by the State of Missouri.

**Website:** [www.moscholars.org](http://www.moscholars.org)

## NEBRASKA

### ALL GIRLS/ALL MATH SUMMER MATHEMATICS CAMP

9-12

This week-long summer mathematics camp for high school girls provides a stimulating and supportive environment for girls to develop their mathematical ability and interest. Participants learn about the exciting mathematics of Codes, interact with peers who share an interest in mathematics, and work with female mathematics graduate students and professors. The campers stay in a residence hall and are chaperoned by female mathematics graduate students and undergraduate students.

**Website:** [www.math.unl.edu/programs/agam](http://www.math.unl.edu/programs/agam)

## NEVADA

### DAWSON COLLEGE BOUND

6-8 · 9-12

Dawson College Bound, in affiliation with The Alexander Dawson School at Rainbow Mountain, is a program intended to build a bridge to college for high-achieving students in the Las Vegas Valley who are from diverse backgrounds and may encounter barriers to educational resources and opportunities. Students begin participating in the summer following 6th grade and graduate from the program as they matriculate on to high school. Dawson College Bound provides academic enrichment by emphasizing experience, experimentation, information, purpose, and creativity.

**Website:** [www.dawsoncollegebound.org](http://www.dawsoncollegebound.org)

## NEW JERSEY

### JOHNS HOPKINS CTY GLOBAL ISSUES AT PRINCETON

9-12

CTY's program at Princeton University is a three-week residential summer program for academically talented high school students grade 10 and above. The program focuses on key global issues in the 21st century and is geared both to the students' high abilities and to their need for peers who share their academic abilities and their love of learning.

**Website:** [www.cty.jhu.edu/summer/grades7-12/princeton](http://www.cty.jhu.edu/summer/grades7-12/princeton)

### MONMOUTH UNIVERSITY COLLEGE ACCELERATION PROGRAM

9-12

Through Monmouth University's college Acceleration Program (CAP), rising high school seniors can enroll in introductory, college-level courses that are typically taken by college freshmen, and which will be generally accepted for transfer at other colleges and universities. Classes run for six weeks during the summer.

**Website:** [www.monmouth.edu/university/high-school-student.aspx](http://www.monmouth.edu/university/high-school-student.aspx)

## NEW YORK

### PACE SUMMER SCHOLARS PROGRAM

9-12

Pace University's Summer Scholars Institute is an intensive two-week program designed for exceptional rising juniors and seniors eager to experience the atmosphere of college with interactive courses to meet the individual interests of students. All Summer Scholars will automatically receive a letter of recommendation from the Director of the Summer Scholars Institute for any college to which they apply.

**Website:** [www.pace.edu/summer-scholars](http://www.pace.edu/summer-scholars)

## THE QUAD MANHATTAN

PRE-K · K-5 · 6-8

The Quad Manhattan is an inclusive meeting place for Twice Exceptional kids – a place where social and executive functioning “life” skills are developed through FUN! Twice Exceptional or 2e children have intellectual or creative gifts, and also have lagging social or executive functioning skills. Developed by experts in medicine, child psychology and gifted special education, the Quad uses kids’ strengths and passions to hide skill development in creative and engaging afterschool classes and activities during our summer camp.

**Website:** [www.thequadmanhattan.com](http://www.thequadmanhattan.com)

## SUMMER ON THE HILL

K-5 · 6-8 · 9-12

Summer on the Hill (SOH) is a year-round, supplemental enrichment program for promising, low-income public school students from the Bronx, Washington Heights, and Harlem. One of the most sought-after programs in New York City, SOH bridges the gap between public and private education in a nurturing setting.

**Website:** [www.summeronthehill.org](http://www.summeronthehill.org)

# NORTH CAROLINA

## ANATOMY & PHYSIOLOGY CAMP

9-12

The Appalachian State University Beaver College of Health Sciences offers an intense and rewarding summer residential or day camp experience in Anatomy and Physiology! Set in the mountains of western North Carolina, on the beautiful campus of Appalachian State University, this one-week camp will provide high school students with hands-on experience studying the major organ systems of the body, as well as discussion about diseases and injuries that affect these systems.

**Website:** [www.conferences-camps.appstate.edu/youth-camps](http://www.conferences-camps.appstate.edu/youth-camps)

## SUMMER CAMP AT SOAR: TWICE EXCEPTIONAL ADVENTURE

6-8 · 9-12

This 18-day course was designed to meet the special needs of campers who are both intellectually gifted and LD/ADD/ADHD (otherwise known as 2E students). This course addresses their desire to explore and interact with the environment around them and provides experiential and environmental learning opportunities not found in other courses.

**Website:** [www.soarnc.org/soar-course/nc-twice-exceptional-adventure](http://www.soarnc.org/soar-course/nc-twice-exceptional-adventure)

# OHIO

## MIAMI UNIVERSITY OF OHIO SUMMER SCHOLARS PROGRAM

9-12

The Summer Scholars Program provides a rich, early college experience for academically-talented rising high school juniors and seniors from across the globe. Students will join an engaged community of learners for an intense, two-week program.

**Website:** [www.miamioh.edu/admission/high-school/summer-scholars](http://www.miamioh.edu/admission/high-school/summer-scholars)

## OHIO WESLEYAN UNIVERSITY JUNIOR LEAGUE (OWJL)

6-8

OWjL of Columbus is a residential summer camp program of challenge and enrichment for central Ohio’s gifted and talented middle school students currently in grades 6 through 8. Campers select four courses from an academic program that includes mathematics, logic, computing, science, humanities and creative development. Cultural, recreational and social activities round out the experience.

**Website:** [www.owu.edu/about/offices-services/owjl-camp](http://www.owu.edu/about/offices-services/owjl-camp)

## WOMEN IN ENGINEERING PROGRAMS AT THE UNIVERSITY OF AKRON

K-5 · 6-8 · 9-12

The University of Akron offers multiple summer programs and activities to help engage young women in the field of engineering.

**Website:** [www.uakron.edu/engineering](http://www.uakron.edu/engineering)

## OKLAHOMA

### GIFTED AND TALENTED ENRICHMENT AT THE UNIVERSITY OF OKLAHOMA

6-8 · 9-12

The Gifted and Talented Enrichment program is available to middle school through high school students. Students come to the university campus and participate in the enrichment classes, typically in the 9am-1pm time frame. Classes are offered in a variety of subject areas so students can explore topics that interest them most.

**Website:** [www.ou.edu/content/outreach/youth](http://www.ou.edu/content/outreach/youth)

### HORIZONS UNLIMITED

6-8

Join Horizons Unlimited as they explore science, technology, engineering, and math in an interactive, hands-on manner while exploring all the things STEAM has to offer! Students who will enter 6th, 7th, or 8th grade and have been identified by their school for participation in a gifted program or have been recommended by a teacher may apply.

**Website:** [www.ou.edu/content/outreach/youth](http://www.ou.edu/content/outreach/youth)

## PENNSYLVANIA

### CARNEGIE MELLON UNIVERSITY SUMMER PROGRAMS FOR DIVERSITY

9-12

Carnegie Mellon's Pre-College programs will show you what college life is all about—from the classroom to what's happening on weekends. Carnegie Mellon offers Pre-College summer programs in a variety of subject areas, such as math, science, architecture, drama, music, art, and gaming. There are no tuition, housing or dining fees for students selected to attend the Summer Programs for Diversity.

**Website:** [www.admission.enrollment.cmu.edu/pages/summer-programs-for-diversity](http://www.admission.enrollment.cmu.edu/pages/summer-programs-for-diversity)

## SOUTH CAROLINA

### CLEMSON SUMMER SCHOLARS PROGRAM

6-8 · 9-12

Clemson University offers an academic summer experience for gifted middle and high school students. In addition to challenging courses, they provide opportunities for fun, friendship, and a true Clemson experience. A balanced schedule of educational, recreational, and cultural activities will help broaden your academic skills and develop your creative abilities. Middle and high school students will enjoy this one-week introduction to college subjects while being immersed in the culture of Clemson University.

**Website:** [www.clemson.edu/summer/summer-scholars](http://www.clemson.edu/summer/summer-scholars)

# SOUTH DAKOTA

## UNIVERSITY OF SOUTH DAKOTA GIFTED PROGRAMS

6-8 · 9-12

The School of Education offers two week-long summer programs for gifted middle and high school students who want to expand their strengths and make lifelong friends. While at camp, you'll choose hands-on classes that match your interests, whether you like watercolor painting, meteorology, robotics or playing guitar. You'll get a taste of college life, eating with friends in the dining hall and living in USD dorms.

**Website:** [www.usd.edu/education/gifted-programs](http://www.usd.edu/education/gifted-programs)

# TEXAS

## SUMMER MATHEMATICS RESEARCH TRAINING HIGH SCHOOL (SMART)

9-12

SMaRT is a two-week summer program at Texas A&M University. It is intended to facilitate interest in mathematics of advanced high school students. The camp will provide an intensive learning environment in mathematics, where high school students will learn not only useful mathematical facts, but also how to approach mathematical problems, prove mathematical statements, and write the results.

**Website:** [www.math.tamu.edu/outreach/SMART](http://www.math.tamu.edu/outreach/SMART)

## SUMMER WONDERS AUSTIN

PRE-K · K-5 · 6-8 · 9-12

Summer Wonders is a nonresidential, full or half-day program that allows students to explore diverse subjects in a challenging, creative environment through an integrative, hands-on, non-traditional approach. Summer Wonders is a specialty program for gifted children entering Pre-K through 6th grade and is held during three different two-week sessions at ACE Academy in Austin, Texas.

**Website:** [www.summerwonders.com](http://www.summerwonders.com)

## TEXAS STATE UNIVERSITY SUMMER MATH CAMPS

K-5 · 6-8 · 9-12

Texas State University offers a half-day camp for grades 3 through 8, a residential camp for grades 6 through 8, and an honors math camp for grades 9 through 12. The purpose of these camps is to excite talented young students about doing mathematics, to teach students to reason rigorously and precisely, and to develop questioning minds. Students work together exploring ideas and share in the excitement of finding the simple mathematical ideas that underline and explain seemingly complex problems.

**Website:** [www.txstate.edu/mathworks/camps](http://www.txstate.edu/mathworks/camps)

## THRESHOLD AT HARDIN-SIMMONS UNIVERSITY

K-5 · 6-8 · 9-12

The Threshold Program is a summer enrichment program at Hardin-Simmons University in Abilene, Texas, designed to provide challenge and enrichment for advanced students who would benefit from experiences beyond those provided by the regular classroom experience. Classes offer high-level thinking and active learning in interesting topics like Chemistry, Debate, World of Insects, TED Talks, and Tinkerers. Threshold serves students in Kindergarten through 10th grade.

**Website:** [www.hsutx.edu/academics/irvin/educationalstudies/threshold](http://www.hsutx.edu/academics/irvin/educationalstudies/threshold)

# UTAH

## EPSILON CAMP

K-5

Epsilon Camp is a residential camp serving promising young mathematicians and their families through an intensive student program and parent workshop. Their mission is to connect precocious

children to professional mathematics and build a supportive community with peers and families.

**Website:** [www.epsiloncamp.org](http://www.epsiloncamp.org)

## VERMONT

### TALENT DEVELOPMENT INSTITUTE

**K-5 · 6-8 · 9-12**

The Talent Development Institute is a program for gifted students sponsored by the Green Mountain Center for Gifted Education. TDI, which has taken place since 1998 at Johnson State College, is an enriching and delightful one or two weeks for gifted and talented youth entering grades 4 through 9. The Institute combines the relaxed atmosphere of a summer camp with new academic and creative opportunities. It is a place where kids go to learn, to grow and have fun with other gifted children, and with teachers who understand and support their giftedness.

**Website:** [www.tdivermont.org](http://www.tdivermont.org)

### VERMONT MENSA

**PRE-K · K-5 · 6-8 · 9-12**

Vermont Mensa is the Vermont chapter of American Mensa, Ltd. Mensa, the High IQ Society, is an international organization whose only membership requirement is a score in the top two percent of the general population on a standardized intelligence test. Mensa currently has over 100,000 members in over 100 countries, organized into 41 national groups. In Mensa, members can meet other stimulating members, join one of the over 150 special interest groups, and attend local, national, and international events. Mensa encourages and supports programs for gifted children, sponsors research into the nature of intelligence and awards thousands of dollars in scholarships each year.

**Website:** [www.vermontmensa.org](http://www.vermontmensa.org)

## WASHINGTON

### SATORI SUMMER CAMP

**6-8 · 9-12**

Satori Camp allows students aged 12 to 18 to choose three mini-courses from a variety of offerings. Participants are introduced to a wide range of academic and special interest courses designed to develop a well-rounded individual. Eastern Washington University is proud to present this opportunity for academically and intellectually talented students to experience their first taste of college with others who share their enthusiasm for learning in an academic and social environment.

**Website:** [www.satoricamp.org/camp-information](http://www.satoricamp.org/camp-information)

## WEST VIRGINIA

### WEST VIRGINIA WESLEYAN COLLEGE SUMMER GIFTED PROGRAM

**6-8 · 9-12**

Since the first camp in 1983, the Wesleyan Summer Gifted Program has been committed to fostering the development of gifted adolescents in the quantitative, verbal, and social areas. The teachers are all college professors who possess a special interest in gifted education. Classes are challenging, yet fun. Creativity is emphasized and channeled both directly and indirectly.

**Website:** [www.wvwc.edu/about/summer-camps/gifted-program](http://www.wvwc.edu/about/summer-camps/gifted-program)

# INTERNATIONAL

## DISCOVERY INTERNSHIPS

9-12

Discovery Internships is a 4 week, tuition-based, comprehensive internship program with locations in New York City, Boston, and London for students completing grades 10, 11 and 12. Whether you're interested in entrepreneurship, fashion, finance, healthcare, journalism, law, media, non-profit, photography, real estate, or other fields, they help motivated high school students make the most of their summer and make more informed decisions about college and career plans.

**Website:** [www.summerdiscovery.com/internships](http://www.summerdiscovery.com/internships)

# ONLINE

## ART OF PROBLEM SOLVING

6-8 · 9-12

Since 2003, the Art of Problem Solving online school has provided a unique learning experience carefully designed for outstanding students interested in studying online. AoPS offers a full math curriculum for middle and high school, introductory programming courses, and specialty courses to prepare students for particular math and science competitions. The Art of Problem Solving Online School is accredited by the Western Association of Schools and Colleges.

**Website:** [www.artofproblemsolving.com](http://www.artofproblemsolving.com)

## BEAST ACADEMY

K-5

Beast Academy is a new project from the creators of Art of Problem Solving Online (AoPS), providing a full and rigorous curriculum for aspiring math beasts in grades 2 – 5. Beast curriculum includes a variety of illustrated guides, digital content, challenging problems, puzzles, and games.

**Website:** [www.beastacademy.com/](http://www.beastacademy.com/)

## BLUE TENT ONLINE

6-8 · 9-12

Join other homeschooled students who are as eager to learn as you are! Blue Tent Online classes are designed for advanced students who love to learn and explore—and who want to share and compare with grade-level peers.

**Website:** [www.bluetentonline.com](http://www.bluetentonline.com)

## EXQUISITE MINDS

PRE-K · K-5 · 6-8 · 9-12

Exquisite Minds, headed by national award-winning teacher Stacia Garland, believes in the importance of cultivating creativity in bright and gifted children. They offer support to parents and educators who want to challenge children to find new and constructive ways to look at the world.

**Website:** [www.exquisite-minds.com](http://www.exquisite-minds.com)

## IPOETTREE

K-5

Gifted student Cassidy Kao published her first book at 8 years old and founded iPoetTree at 12 years old. The nonprofit organization seeks to inspire a passion for writing in kids kindergarten to 6th grade. Cassidy provides a fun and free curriculum, supportive environment for sharing poems, and assistance with becoming a published author like her.

**Website:** [www.ipoettree.org](http://www.ipoettree.org)

## KHAN ACADEMY

K-5 · 6-8 · 9-12

Khan Academy is a not-for-profit personalized learning resource for all ages, dedicated to providing a free, world-class education for anyone, anywhere. They offer practice exercises, instructional videos,



and a personalized learning dashboard that empowers learners to study at their own pace in and outside the classroom. Khan Academy offers courses in math, science, computer programming, history, art, economics, and more.

**Website:** [www.khanacademy.org](http://www.khanacademy.org)

### **ONLINE G3**

**K-5 · 6-8 · 9-12**

Online G3 is an interactive online platform offering classes in a range of middle and high school subjects for gifted students seeking advanced coursework. G3 offers online courses in English, History, Computer Science, and Language. Classes are grouped by skill level, rather than chronological age, to allow asynchronous learners to accelerate in individual subjects as needed. Live peer interaction and discussion forums are woven throughout all classes to create a cohesive community of gifted learners.

**Website:** [www.onlineg3.com](http://www.onlineg3.com)

### **PENNSYLVANIA HOMESCHOOLERS AP ONLINE CLASSES**

**9-12**

Pennsylvania Homeschoolers offers online Advanced Placement courses to homeschooled students worldwide. Their classes develop a community of scholars who interact through class postings, course-related games, responding to one another's work, discussions, and much more.

**Website:** [www.aphomeschoolers.com](http://www.aphomeschoolers.com)

### **THE JUNIOR ACADEMY**

**6-8 · 9-12**

The Junior Academy is an elite group of problem solvers made up of talented students, STEM experts, and companies around the world dedicated to designing innovative solutions to global challenges. Each year, The Junior Academy invites students ages 13 to 19 to join from all over the world. Successful applicants develop advanced research, innovation, and collaboration skills, as well as access to a remarkable global STEM network through Launchpad, a virtual collaboration platform. The ideal student is an enthusiastic learner and problem solver with a passion for STEM.

**Website:** [www.thejunioracademy.org](http://www.thejunioracademy.org)

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**For more resources visit**  
**[www.educationaladvancement.org/grc](http://www.educationaladvancement.org/grc)**

# IEA PROGRAMS AND SERVICES

## ACADEMY

The Academy provides young students performing at the Kindergarten-8th grade levels with challenging summer, after-school and weekend enrichment classes that focus on exploration and application of knowledge.

## CAROLINE D. BRADLEY SCHOLARSHIP

The CDB Scholarship awards highly gifted students with a four-year scholarship to a high school that best fits their individual intellectual and personal needs.

## CONSULTING

IEA provides a variety of consulting services to families with highly gifted children as well as tools and training to help educators support the needs of gifted learners in schools. IEA also hosts free parent support group meetings, and IEA staff members speak at a variety of events and conferences relevant to gifted youth.

## EXPLORE

EXPLORE matches gifted and advanced high school students with distinguished mentors, hands-on research opportunities and professional experience in their field of interest.

## GIFTED RESOURCE CENTER

The GRC is a free, searchable online database that helps students, parents, and educators identify opportunities and resources for gifted children.

## GIFTED SUPPORT GROUP

During the school year, IEA offers complimentary monthly gifted support group meetings featuring experts on various aspects of gifted youth. Sharing experiences with parents and educators who interact with gifted kids has proven to be enormously helpful.

## YUNASA

IEA's pioneering Yunasa summer camps unite highly able youngsters and experts in the social and emotional development of gifted children. In a nurturing setting, campers explore and grow the intellectual, spiritual, emotional, social and physical aspects of their lives.



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