

# Summer Academic Opportunities for Gifted/Talented Youth

## *Something for Everyone!*

Academic summer programs are excellent enrichment experiences to build leadership skills and learn about new fields. These experiences can also be very helpful with career decision-making! Meet new friends, and maybe get a sneak preview of life on campus. *Programs may have scholarship help if you inquire.*

List compiled by: West Central Ohio Association for Gifted Children. [www.wcoagc.org](http://www.wcoagc.org)  
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### **Case Western University - Cleveland**

**Students grade 6-12** <http://case.edu/summer/highschool.html>

### **Denison University - Be WISE Summer Camp**

#### **Women entering grade 7- 8**

Be WISE is a mathematics, science and technology camp designed to develop interest, excitement, and self-confidence in young women. It is a residential camp held on Denison's campus in Granville, OH. <http://www.bewisecamp.org/>

### **Miami University - Youth Programs & Summer Opportunities**

#### **Elementary to High School**

Summer programs in several interest areas including architecture, art, music, theater, and digital game design. <http://www.units.muohio.edu/lifelonglearning/kids/>

### **Ohio Dominican University: Ohio Business Week (OBW)**

#### **Students grade 10-12**

Columbus. OBW is an exciting weeklong summer program that gives eligible high school students from around the state a unique, hands-on experience with business and entrepreneurship. Students learn directly from the pros how to establish and run their own company. Hosted on a college campus, students are also able to experience what campus life is like and lay the groundwork for a successful future! [www.ohiobusinessweek.org](http://www.ohiobusinessweek.org)

### **Ohio State University**

#### **Stone Laboratory Students entering 9-12**

Stone Lab's one-week introductory courses provide students with a first-hand glimpse of life as a field researcher. Courses cover the physical and biological sciences and offer hands-on learning experiences ranging from capturing and preserving insects in Insect Biology to examining lake sediments and trawling for fish in the Oceanography class. Open to college and advanced high school students, these 3 quarter-credit courses are held throughout the summer. <http://stonelab.osu.edu>

#### **Ross Mathematics Program Students Age 14-18**

The Ross Program at the Ohio State University is an intensive summer experience designed to encourage motivated pre-college students to explore mathematics. During those six weeks, students are immersed in a world of mathematical discovery. <http://www.math.osu.edu/ross/>

#### **GRASP Summer Camp Middle School Girls**

The GRASP Summer Camp is a 5 day long day camp for middle school age girls hosted by the Ohio State University Department of Physics Undergraduate Studies Office in coordination with physics faculty, staff, and students. Each day consists of hands-on, interactive physics demonstrations and projects followed by a physical activity that shows how physics relates to everyday phenomena. <http://www.physics.ohio-state.edu/undergrad/GRASP/>

#### **Wie Race Students entering grade 10-11 Will be offered again in 2015.**

Hosted by the Women in Engineering Program (WiE) in The Ohio State University's College of Engineering, **WiE RACE** (Reaching A Career in Engineering) is a six-day, residential summer camp focused on engineering and engineering-related careers. <https://wie.osu.edu/wierace>

#### **Wie Rise Women entering grade 12**

Hosted by the Women in Engineering Program (WiE) in The Ohio State University's College of Engineering, **WiE RISE** is a six-day, residential summer camp designed to introduce female students to Ohio State's undergraduate engineering majors and related career fields. <http://wie.osu.edu/wierise>

## **Ohio Northern University Summer Camps**

<http://www.onu.edu/camps>

## **Purdue University Women in Engineering**

<https://engineering.purdue.edu/WIEP/>

## **Rose-Hulman Institute for Tecnology - Operation Catapult**

### **Students entering grade 12**

This chance "to go off to college" as a high school junior may be just what you're looking for. It even goes beyond the classroom, giving you a peek into the realms of engineering and applied science through project work - projects you develop yourself, along with your team. <http://www.rose-hulman.edu/admissions-financial-aid/early-planning/operation-catapult.aspx>

## **Sinclair Community College Women in Science, Technology, Engineering and Mathematics**

### **Girls entering grade 10-12**

The WI STEM institute is designed to allow young women to explore career opportunities in science, technology, engineering and mathematics. <http://www.sinclair.edu/organizations/wiet>

### **Sinclair Community College WaterBotics Students entering grade 6-12**

STEM topics in the program include gear ratios and programming (math), buoyancy and forces (science), and engineering design and problem solving (technology). The curriculum is designed to satisfy the students' need for knowledge as they apply the concepts in the project. There will be no one asking "Why must I learn this?". The students will use the information immediately in a fun way thus learning information that will be used in the future as well.

<http://www.sinclair.edu/academics/sme/departments/egr/>

## **Texas A&M - Women Exploring Engineering**

**Women entering grade 11-12** <http://essap.tamu.edu/wee/>

## **University of Akron Women in Engineering**

**Women entering grade 9-12** Learn more about the exciting and rewarding fields of engineering.

<http://www.uakron.edu/engineering/beyond-the-classroom/women-in-engineering/>

## **University of Cincinnati**

### **Women in Engineering and Applied Science. Female students entering grade 9-12.**

#### **With Demonstrated interest in mathematics and science.**

This one week day camp will allow you to develop your creativity as well as provide you with the opportunity to meet and speak with working engineers and computer scientists.

[http://www.ceas.uc.edu/future\\_students/Activities/Summer\\_Camps/women\\_in\\_engineeringandappliedsciencesummercamp](http://www.ceas.uc.edu/future_students/Activities/Summer_Camps/women_in_engineeringandappliedsciencesummercamp)

### **Men in Engineering and Applied Science. Male students entering grade 9-12.**

Should have demonstrated interest in mathematics and science

This one week day camp will allow you to develop your creativity as well as provide you with the opportunity to meet and speak with working engineers and computer scientists.

[http://www.ceas.uc.edu/future\\_students/Activities/Summer\\_Camps/men\\_in\\_engineeringandappliedsciencesummercamp](http://www.ceas.uc.edu/future_students/Activities/Summer_Camps/men_in_engineeringandappliedsciencesummercamp)

### **Today's Learners, Tomorrow's Leaders (TL2) Grade 10-12**

Today's Learners, Tomorrow's Leaders (TL2) is a highly selective, three week summer program for students in Grades 10-12.

TL2 participants will learn to better understand Cincinnati's neighborhoods and economy, why jobs are scarce in some communities and abundant in others, why some jobs pay more than others, and how individuals from all backgrounds can become entrepreneurs and successful business owners.

[https://economicscenter.org/student-programs-competitions/today's-learners,-tomorrow's-leaders\(tl2\).aspx](https://economicscenter.org/student-programs-competitions/today's-learners,-tomorrow's-leaders(tl2).aspx)

## University of Dayton

### **Summer Laureate Program Students entering grade 3-8**

The Program, for high-academic achievers, allows students the opportunity to expand their knowledge within a university setting. Sessions focus on a variety of topics including math, science, language arts and critical thinking. Lelia C. Boyd, PhD. 513-753-9143 Send Email for brochure\_mailto:ellenclarke31@yahoo.com. [Summer Laureate 2014.pdf](#)

### **Summer Honors Engineering Camp Students entering 9-11**

The University of Dayton's Summer Honors Engineering Camp offers hands-on projects allowing you to experience engineering. In these courses, you will have the opportunity to use our state-of-the-art facilities and interact with our professional faculty and engineering students.

[http://www.udayton.edu/engineering/hs\\_programs/summer\\_honors\\_institute.php](http://www.udayton.edu/engineering/hs_programs/summer_honors_institute.php)

### **Women in Engineering Summer Camp Students entering grade 10-12**

The Women in Engineering Summer Camp is a six-day residential camp for high school women entering either the tenth, eleventh or twelfth grade. Participants are immersed into the world of engineering through experiments, innovation modules, a day with industry, and dinner with an engineer.

[http://www.udayton.edu/engineering/hs\\_programs/women\\_in\\_engineering\\_summer\\_camp.php](http://www.udayton.edu/engineering/hs_programs/women_in_engineering_summer_camp.php)

### **Minority Engineering and Technology Enrichment Camp for Young Men**

**Open to minority high school men who will be seniors in the fall, are U.S. citizens, and are currently enrolled in a college-preparatory program with a minimum GPA of 3.0.**

This weeklong camp will introduce you to career opportunities in engineering and technology with college-level classes and exciting hands-on experiments. Academic coaches will help build the skills that you will need to ace the ACT and SAT. And you will learn about the college admission process, including how to select a college and apply for scholarships.

[http://www.udayton.edu/engineering/hs\\_programs/metec.php](http://www.udayton.edu/engineering/hs_programs/metec.php)

## University of Toledo Camp Med

### **Students entering Gr.9**

A two-day intensive summer educational experience for 9th grade students that stimulate interest in science and medicine.

<http://www.utoledo.edu/depts/utahec/campmed.html>

## Wright State University

### **Institutes Students entering grade 10-11-12**

One week residential programs offered in Anatomy and Physiology, Archeology, Communications, Creative Writing, Engineering, Forensic Science, Law, Nursing, Performance Theatre, Poetry, Science and Technology.

### **Residential Camps Entering Grade 6-9**

Camps are offered throughout the summer. Participants live for one week in campus residence halls and are supervised by a trained residential staff, on-duty 24 hours a day. Camps are offered in Archaeology, Engineering, Computer Technology, Creative Writing, Leadership, Mathematics, Photography, Science, Television Production, Theatre Arts, and more.

### **Exploring STEMM Students entering grade 7-9**

Students who are selected will participate in a variety of STEMM disciplines over a two day period. Students will spend one night on campus under the supervision of Residential Assistants.

### **Discovery/Odyssey Students entering grade K-9**

Summer enrichment courses at Wright State University are designed to stimulate your child's creativity and enthusiasm for learning.

### **Kids on Campus Students entering grade K-6**

Kids on Campus is a Saturday Academic Enrichment Program geared towards motivated students.

<http://www.wright.edu/academics/precollege>

## **Youngstown State University Summer Honors Institute**

**Students entering grade 11-12** Crime Scene, Entrepreneurship, Musical Theatership, Engineering Design and more. Residential and commuter option for the week of June 16-20. March 7 application due date. <http://web.yzu.edu/honors>

## ***OFF CAMPUS OPPORTUNITIES ~ ~ ~***

### **Aerospace Camps**

#### **Students entering grade 3-10**

Dayton. During the summer, the National Museum of the United States Air Force offers 5 different week-long summer day camps with aerospace themes. Base clearance is not required to participate in the camps. Registration opens in March. <http://www.nationalmuseum.af.mil/education/camp/index.asp>

### **Air Camp**

#### **Students entering grade 7-9**

Dayton, Ohio. Air Camp is a brand new adventure in flight for middle school students, which takes place at the birthplace of aviation –The purpose of Air Camp is to inspire students to new heights of scholarship, leadership and citizenship, as they experience the wonders of flight and study the science, technology, engineering and math (STEM) of aviation. <http://aircampusa.com>

### **Boonshoft Museum of Discovery /Dayton Summer Discovery Camps**

#### **Grade Pre-K to 8**

Building, thinking, experimenting and creating are the basis for activity-packed classes designed to nurture creativity, teamwork and kids' interest in science.

#### **iLead Workshops Grade 7-10**

Expand your horizons and discover the possibilities at Boonshoft iLead Summer Workshops. <http://www.boonshoftmuseum.org/programs-events/summer-discovery-camps>

### **Camp Invention**

**Students entering grade 1-6** One week STEM enrichment day-camps. <http://www.invent.org/camp/default.aspx>

### **Camp Kern Summer Camps**

#### **Age 5-16**

Between Cincinnati & Columbus. Camp Kern offers a variety of camps for students. <http://www.campkern.org/summer-camp>

### **Camp OLFA - Ohio Foreign Language Association**

#### **Students entering grade 4-8**

Near Mansfield, Brinkhaven, OH. Camp OFLA is an elementary foreign language camp. Younger students choose Chinese, German, or Spanish. Seventh and eighth graders may choose between French and Japanese. Activities include Language learning, ethnic cooking, dancing, singing, sports, arts and crafts, campfires, games and swimming. <http://www.campofla.org>

### **Cincinnati Museum Center Day Camps**

#### **Ages 7-12**

Summer break means learning and fun at Cincinnati Museum Center. Children immerse themselves in their favorite topic for an entire week. Summer Day Camps run 9 a.m. to 3 p.m. each day. (513) 287-7021 <http://www.cincymuseum.org/Day-Camps/>

### **Cincy Nature Camp**

#### **Age 3-15**

Cincy Nature Camps offer week-long, nature day camps which take place at Cincinnati Nature Center's two sites: Rowe Woods in Milford and Long Branch Farm & Trails in Goshen. [http://www.cincynature.org/eventsprograms/cincynature\\_camp-4](http://www.cincynature.org/eventsprograms/cincynature_camp-4)

## **Cincinnati Zoo Summer Camps**

### **Age 4-12**

The zoo offers a variety of full-day and half-day, week-long camps. If you are looking for a fun, safe, and educational camp during summer break the Zoo's got it! All Zoo Camps are age-appropriate and are guaranteed to be a WILD time.

<http://cincinnati zoo.org/education/kids-families/zoo-camp/summer-camp/>

## **Dayton Art Institute Summer Art Camps**

### **Mini Art Camp - Grades Pre-K and Kdg.**

Let your child explore, learn and create! Young artists will explore museum galleries, learn new and exciting things about art and create masterpieces of their own during a week of half-day camps. Mini-explorers will create 2D and 3D art with paint, clay, paper mache and much more. Campers will also read stories and visit the Experientcenter, a space devoted to young learners.

### **Youth Art Camp Grades 1, 2, and 3**

Full day camps exploring a variety of art topics

### **Youth Camp Special Topics Grades 4, 5, and 6**

Full day camps exploring a variety of art topics.

### **Art Intensives Grades 7, 8, and 9**

This is an in-depth exploration and training focusing on one medium each week including drawing, painting, and jewelry.

<http://www.daytonartinstitute.org/learn/youth-family-programs/art-camp>

## **K12 Gallery Dayton Summer Art Camps**

### **Grade K – 12**

Week long summer art camps are held Mon-Fri from 9:30 – 3:30. Each day includes two art classes and a field trip to observe artists at work in our community. <http://www.k12gallery.com/summer-art-camp/>

## **Mad Science Camp**

### **Age 5-12 Cincinnati & NE Ohio.**

Franchise. Children will enjoy a variety of hands-on activities and engaging demonstrations. They will bring home "make and take" projects each day for additional learning and experimentation. <http://www.madscience.org>

## **Miami Valley Summer Jazz Camp**

### **Grade 6-12 Kettering.**

Meet new friends; improve your jazz music knowledge & skills; and make beautiful music by joining about 100 Miami Valley Middle and High School Student Musicians. <http://www.daytonjazzorchestra.com/id7.html>

## **Ohio Leadership Institute**

### **Students entering grade 1-12. Kelly's Island. Ohio Dominican University.**

The camps are leadership-based camps packed with leadership building activities, lively sessions, and recreational activities specially designed to build, enhance, and develop leadership skills. <http://ohioleader.com>

## **Ohio Supercomputer Center Young Women's Summer Institute**

### **Ohio Girls current grade 6-7. Columbus.**

Young Women's Summer Institute (YWSI) is a week-long program sponsored by Ohio Supercomputer Center for middle-school girls in Ohio. It is designed to promote computer, math, science and engineering skills as well as provide hands-on experiences.

<http://www.osc.edu/education/ywsi>

## **Shakespeare Summer Camp**

### **Grade 6-12 Cincinnati.**

Shakespeare Summer Camp is a one-week theater day camp for middle school and high school students who want to learn more about the art of theatre. Campers work with members of the Cincinnati Shakespeare Company Acting Ensemble, learning acting, stage combat, movement, and text analysis for the actor. <http://www.cincyshakes.com/summercamp/>

## **Summer Stock Kids & Broadway Studio Teens Theatre Camps**

**Age 8-12** Dayton.

Directed by Adventures In Theatre instructor [Jene Rebbin Shaw](#), Summer Stock Kids is a summer theatre camp which culminates in a production that is totally produced by Jene and the kids - sets, costumes and props. And considering that the kids are ages 8 – 12 the challenges are great but oh, so rewarding for the young performers as well as family and friends. <http://www.humanracetheatre.org/summerstock.php>

## **Sunrock Farm Summer Camp**

**Age 5-11** Wilder, KY.

Sunrock is a hands-on educational farm in offering summer day camps. Students will have opportunities to work with animals, help with farm chores, plant and harvest vegetables, and participate in recreational activities such as craft projects, games, and music. <http://www.sunrockfarm.org/scamp.html>

## **Sunwatch Indian Village - Summer LORE Camps**

**Age 4-14** Dayton.

SunWatch offers an exciting and diverse array of Summer Camp offerings, suitable for children of all interests and ages.

[http://www.sunwatch.org/index.php?option=com\\_content&view=article&id=29&Itemid=51](http://www.sunwatch.org/index.php?option=com_content&view=article&id=29&Itemid=51)

## **Super Saturday Program**

**Age 4-14** Cincinnati

The Super Saturday Program is a quality enrichment program for intellectually gifted children at the University of Cincinnati Victory Parkway Campus in Walnut Hills. <http://www.supersaturday.org/>

## **Taft Art Museum Summer Camps**

**Students entering grade 3-12** Cincinnati.

The Taft Museum of Art offers exciting studio sessions as campers discover art through gallery tours and hands-on activities. Campers will look at, think about, and create art inspired by the Taft's collection and the special exhibition *Photographic Wonders: American Daguerreotypes from The Nelson-Atkins Museum of Art*. Each week-long session culminates with an exhibition organized by students and staff for family and friends. [http://www.taftmuseum.org/?page\\_id=166](http://www.taftmuseum.org/?page_id=166)

## **The Country School Farm**

**Students entering grade 6-12** Holmes County, Ohio.

This is a residential summer experience in Ohio for children who love animals and the outdoors. Students participate in the day-to-day life of a real farm. <http://www.tcsfarm.com/>

## **Young Women Writing for a Change**

**Girls entering Grade 4-7**

**Students entering grade 8-12** Kimbolton, Eastern OH near Cambridge.

Classes for young women are open to girls entering grades 4 through 7, and to teens entering grades 8 through high school. All classes and camps for girls and teens use the art of writing and other modes of artistic expression to enhance self-esteem and build skills in creative self-expression. Participants learn to receive and give honest support and encouragement, build and keep community, and identify role models who inspire creative life choices. <http://www.womenwriting.org/programs-for-girls/>

## ***NATIONAL & INTERNATIONAL OPPORTUNITIES ~ ~ ~***

### **ASM Materials Camp Students grade 11-12**

Various US locations ASM Materials Camp® Student Camps are for high school students with strong abilities in math and science who have completed their sophomore or junior years. There's a lot to do at ASM Materials Camps, and best of all, it's free. ASM International is a materials science and engineering society where materials users, producers, and manufacturers converge. <http://www.asminternational.org/portal/site/www/foundation/materials-camps/>

### **Children's International Summer Village CISV Age 11-18** <http://miamico.cisvusa.org>

### **Junior National Young Leaders Conference Grades 6-12** <http://www.cylc.org/>

### **Junior State of America Summer Institutes on Leadership and Politics Gr 8-11**

<http://summer.jsa.org/programs/summer-institutes/>

**Junior State of America 3-week Summer Schools** <http://jsa.org/summer-programs/summer-school/>

**National Young Scholars Program NYSP** Gr 3-5

<http://www.envisionexperience.com/explore-ourhttp://www.envisionexperience.com/explore-our-programs-programs>

**People to People** Gr. 4-12 <http://www.studentambassadors.org/>

**Presidential Classroom** Government, Politics Research site <http://www.presidentialclassroom.org/>

**United States Senate Youth Program** <http://www.ussenateyouth.org/> Education • Leadership • Public Service  
Two students from each state.

**Jack Kent Cooke Young Scholars Scholarship** Grade 7. [www.jkcf.org](http://www.jkcf.org)

**Society of Women in Engineering.** <http://societyofwomenengineers.swe.org/>

***MORE CAMP DIRECTORIES ~ ~ ~***

**Ohio Association of Gifted Children** <http://www.oagc.com/?q=summerops>

**NAGC Summer Opportunities** <http://www.nagc.org/index.aspx?id=1103>

**Hoagies Gifted Education** - <http://www.hoagiesgifted.org/summer.htm>

**Ann flick's PortaPorta site** — <http://guest.portaportal.com/anneflick>