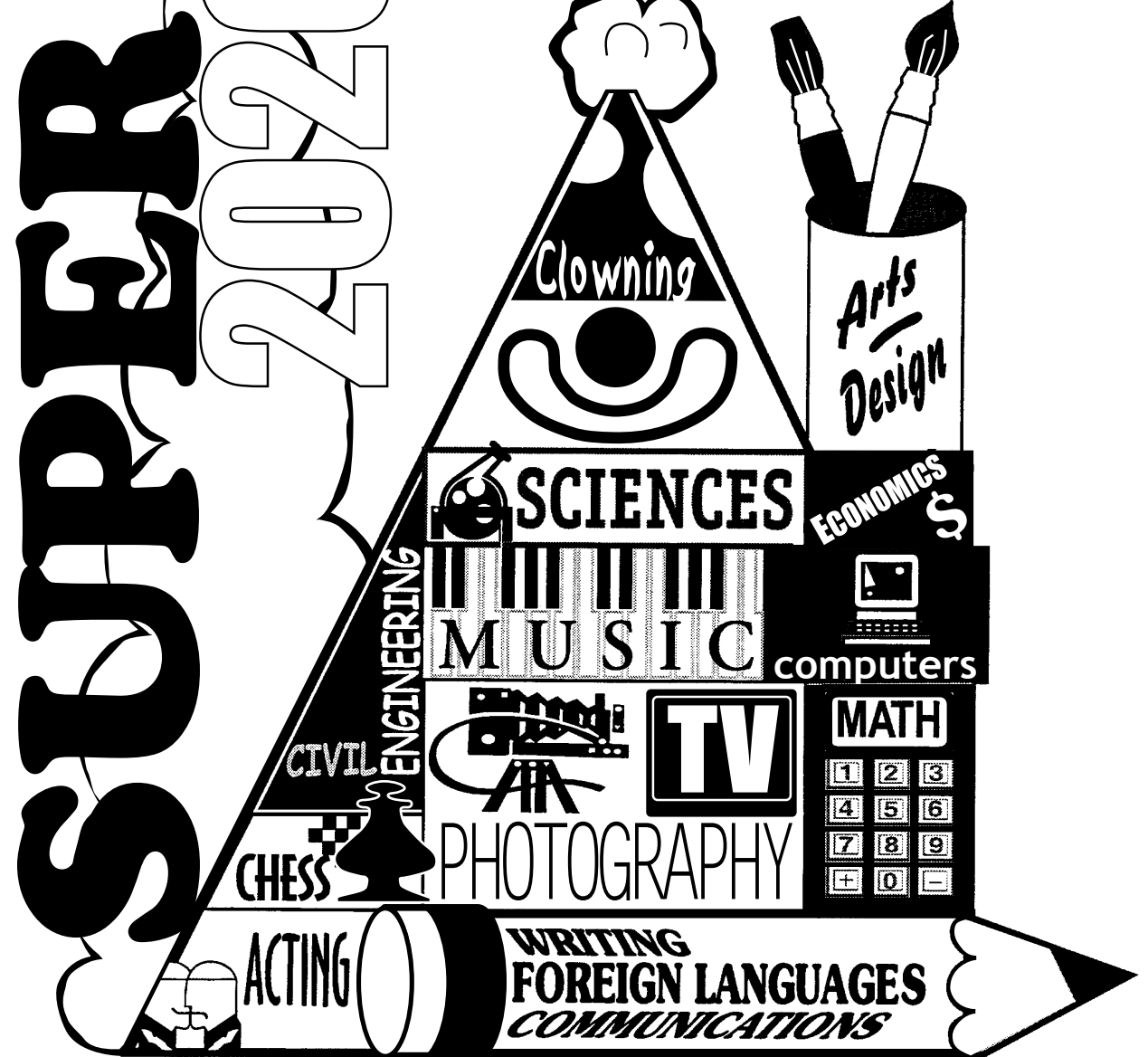


SATURDAYS



**The Center for
Gifted Studies**



February 1, 8, 15, and 22, 2020
Bowling Green

Welcome to Winter 2020 Super Saturdays. Please look through the list of classes on pages 2-4 (listed by grade level) and then fill out the registration form on pages 5-6. Please contact us with any questions - gifted@wku.edu, 270.745.6323, www.wku.edu/gifted.

CLASS DESCRIPTIONS - EACH CLASS LASTS ALL FOUR WEEKS

- 1 **Fantastic Crazy Amazing Goo**, grades 1 & 2, ANDREA HEMING - Are you ready to see the world from the gooey side? Goo is messy, sticky, gummy, runny, smelly, and lots of fun to make! We'll be junior scientists as we make lots of amazingly gooey mixtures. Join the fun as we create, touch, smell, and even taste these wonderful, crazy concoctions. Are you ready to get slimed?
- 2 **Intro to Musical Theatre: Let's Sing and Dance**, grades 1 & 2, KARI CARR - Do you want to sing, dance, and act? Then join us as we learn how to tell a story through song and dance! Have a blast while learning some basics of musical theatre as we explore what it takes to put on a musical. We'll even put on our own show!
- 3 **Inventors and Investigators Making Machines**, grades 1 & 2, DIANNE WADE - Have you ever wondered how scientists and inventors work? How can you become an inventor? After we get to know some early inventors and their inventions, we'll investigate how simple machines work. You'll invent and create your own machines using the six simple machines like pulleys, levers, and wheels and axles. Force, motion, and friction - we'll use them all as we make our amazing own inventions.
- 4 **Master Mathematicians**, grades 1 & 2, KIERRA CHANDLER - Do you want to become a master mathematician? Then join our journey with numbers as we explore fun and challenging games, puzzles, and exciting missions - we may even search for treasure or write some secret codes! Get ready to create, solve, and discover as you become a master mathematician!
- 5 **A Matter of Fact**, grades 1 & 2, AMELIA WATKINS - Pop rocks, coke floats, and melting popsicles...oh my! Are you ready for some scientifically proven fun?! As junior scientists, explore the states of matter first hand through lots of hands on experiments. You will learn how matter changes states and what makes up solids, liquids, and gasses in this exciting class!
- 6 **Secret Identity: Releasing Your Inner Superhero!** grades 1 & 2, ASHLEY DAVISON - Up, up, and away! Being a superhero is fun and exciting, especially in the world of super imaginative YOU! Come and join us on this quest to create your very own SUPERHERO! Together we'll learn about famous super heroes and heroines of the past and now, and find your own super hero, inside out and outside in! By drawing ideas from comic book super heroes and the many heroes around us, we will design and create our very own superhero costumes and stories to present to parents and family!
- 7 **Storybook Science**, grades 1 & 2, KRISTIN HENSON - Mythbusters unite! Let's read some of our favorite storybooks and then conduct hands-on science experiments to see what happens. Can the wind really blow a house down like it did when the Big Bad Wolf huffed and puffed in Three Little Pigs? You'll make your own model house and test the power of wind to find out! We'll have plenty of fun making and experimenting with oozy slime when we read *Bartholomew and the Oobleck*. Come with your best investigator hat on as we explore the science behind the storybook.
- 8 **Chain Reactions: Force, Motion, and Roller Coasters**, grades 2 & 3, LYNDSY DUKE-BROOKS - Do you like to solve problems and build simple machines? Do you find the loops, curves, ups, and downs of a roller coaster exciting and wonder "how does that work?" If so, this is the class for you. Together we'll use our problem-solving skills to explore the science behind designing and building the ultimate chain reaction - a roller coaster! Along the way we'll build devices that solve simple problems where one action will create a chain reaction. Are you ready for the challenge?
- 9 **Learning with Legos**, grades 2 & 3, RENEE HALE - Did you know Legos are for more than just building? Join us to design Lego mazes and test those designs, re-create historical landmarks while exploring the history behind them, weigh items using Legos, and more! It's science, math, reading, and art - all with Legos!
- 10 **Mythbusters**, grades 2 & 3, CHRISTY GIVENS - What happens when you mix scientific method, gleeful curiosity, and inventiveness? You become a mythbuster! Have a hypothesis you'd like to test? Can you build a structure to withstand the elements? Can you predict a coin flip? Is the pirate's patch really for eye protection? Join us as we use the scientific method to explore our common science misconceptions. Test the validity of rumors, myths, video clips, and more. Use the scientific method, chemistry, research writing, lab protocols, data collection, and data analysis to confirm or deny your hypotheses. You'll write scientific summaries documenting surprising and amazing findings. The only limit to this class is your imagination!
- 11 **Science Experiments You CAN Try At Home**, grades 2 & 3, SARA SPEAR - Do you love physics and chemistry? Get ready to learn about static electricity, buoyancy, balance, and chemical reactions. Many of the experiments in this class will be done with everyday materials and common kitchen items, so you can repeat them at home! Prepare to amaze your family and friends when you make candy dance and create a lava bottle, a Lego parachute, slime, an apple volcano, and so much more.

- 13 The Class of Unfortunate Events, grades 3 & 4, JULIE ROBERTS BOGGESS** - WARNING: If you select this class hoping to discuss a simple, cheery tale, I'm afraid that you will be choosing the wrong class altogether. This class will explore the trials and tribulations of three seriously unfortunate siblings, Violet, Klaus, and Sunny Baudelaire. Students must endure discussions about several awful topics including itchy clothing, a deadly serpent, hungry leeches, coupons, violin recitals, mysterious initials, and a bad acting theater troupe. I will continue to teach this tragic class, because I have been sworn to do so. On the other hand, you can save yourself from this heaping helping of woe and instead have a heaping helping of some chilled split-pea soup. **(Requirement: It is very important that students have read at least the first SIX books in *The Series of Unfortunate Events*.)**
- 14 Inside Your Outside: Discovering the Human Body, grades 3 & 4, MADISON STATON** - Take a look inside your outside as we scale the skeletal system, hitch a ride through the bloodstream, discover the secrets of the electrifying nervous system, and much more! In this class you will extract your own DNA, build a life-size model of the human body, and solve a few real-life medical mysteries. An adventure through the human body awaits!
- 15 Master of Illusions: Optical Art to Excite the Eye, grades 3 & 4, CHRISTY MATTHEWS** - The nature of perception, optical effects, illusions and visual stimuli have been fascinating artists for centuries. Become your very own master of illusion by learning about and then creating optical illusions using art! This mathematically-themed form of abstract art uses repetitive forms and colors to create vibrating effects, foreground-background confusion, and an exaggerated sense of depth. After learning about famous Op Artists such as Bridget Riley and Victor Vasarely and how they brought their designs to life, you'll be able to create works that look like they pop right off the page, sink into space, and move! On the last Saturday you'll star in your own show of your mind-boggling art.
- 16 May the Force Be With You, grades 3 & 4, MORGAN WHITICKER AND CRISTINA THROCKMORTON** - Is your midi-chlorian count off the charts? Do you have the accuracy needed to hit the Death Star's thermal exhaust port? If so, join us as we explore the science behind your favorite *Star Wars* moments. We'll discover what it takes to make the Kessel Run in twelve parsecs, how to navigate the galaxy like Han Solo, and much more! We need your help, young Jedi, to reinstate the Galactic Republic and bring balance to the force!
- 17 Science Spectacular Saturdays, grades 3 & 4, KALEIGH DAVENPORT** - Explore the spectacular world of science with lots of fun, messy, gooey activities. We'll master the scientific method through the use of Pop Rocks and bubble gum! What a yummy way to learn! We'll discover the different properties of matter through glow-in-the-dark goo and how to create a chain reaction. Be an engineer in the future. Will your creation last against Earth's force? Get your curiosity caps on and join our science spectacular Saturdays!
- 18 Crime Scene Investigations (CSI) Chemistry, grades 3 & 4, JENESSA SROUFE AND ETHAN GRAVES** - Super Sleuths Unite! Join our CSI unit as we explore the methods chemists use to solve crime mysteries. You'll learn about chromatography, fingerprinting, and how chemicals interact with one another to reveal clues. Using these scientific techniques, our powers of observation, and teamwork will help us to identify the culprit! Do you like mysteries and seeing how the experts solve crimes? Step aside Sherlock! The Super Saturdays Sleuths can handle this case!
- 19 Castle Mechanics: Medieval Times Meets Today's Technology, grades 4 & 5, SHAWN QUINN** - Using modern day technology, travel back in time to explore the world of Kings, Queens, Knights, Castles, and Keeps. We'll take virtual field trips to some of the most famous castles in the world. Put your engineering skills to work to build and test replicas of medieval buildings, design a coat of arms to represent our royal keeps, and much more. Join the fun as we investigate the world of medieval castles with current technology, and learn the why, how, what, and when of these amazing buildings. We'll see you at the moat!
- 20 Kids in Business, grades 4 & 5, AURELIA SPAULDING** - Ever wonder what it be would be like to own and run your own company? Let's find out! After exploring how to navigate the business cycle and developing, financing, and marketing your idea, you learn how to form a business or nonprofit. Experience the fun of a start-up process and be prepared to sell your product or program by the last Super Saturday. Who knows – you and your friends could get your start at Super Saturdays and become a part of an innovative entrepreneurial enterprise that will change the world. *Shark Tank* awaits!

MORE SUPER SATURDAYS CLASSES ON NEXT PAGE!!!

- 21 Science Behind the Scenes, grades 4 & 5, COLTEN COLLINGS AND SARAH ANGELLE** - Ever think the science in movies seems more Hollywood magic than scientific fact? Join us as we investigate the science (and pseudoscience) in your favorite TV shows and movies. *Zootopia*, a place where predators and prey live in harmony? *Ice Age*, where extinct animals roam the ever-warming Earth... SPOILER ALERT: It is going to be exciting! Grab your popcorn and your lab coat as we delve into the science of the silver screen.
- 22 Weaving Your Creativity, grades 4 & 5, KATE LATHAM** - If you like working with your hands and experimenting with color, texture, and shape, weaving may be the art for you! Weaving is a type of art most people utilize every single day, but not many people know how to do it or have ever seen it be done. Join our class to find out what you can create by weaving! You'll learn about historical artists such as the Navajo People, contemporary artists such as Amber Kokenge, and local artists such as Jacqui Lubbers who focused their skills on weaving. Discover the vast techniques and cultures around the world that have contributed to the name of weaving. Once you start weaving, you too will become a part of the history of the craft. We will follow the design process to explore and experiment with weaving materials and visual ideas and then critique our own work and the work of other artists. The culmination of our design process will be the exhibition of your very own weavings!
- 23 "Laughing Matters" Improv Theater, grades 4, 5, & 6, DWIGHT AUSTIN** - Where is one place you can go and make stuff up with hardly any rules? It's the Improvisation Theater! In fact, the only requirement for this class is that you "Make Stuff Up!" In this class you will learn several improvisation games and techniques popularized by troupes like The Second City and Whose Line Is It Anyway? You will also learn things like stage presence, basic acting skills, and how to work closely with other actors. There is a warning, though - your fun factor may cause you to explode in bouts of laughter and craziness. No experience is required, no memorization is expected, and absolutely no seriousness is allowed!
- 24 Avengers Assemble, grades 5 & 6, HANNAH HARLAN AND KACIE GAERLE** - Some of the activities we are planning on doing are a bubble lab that shows how cell membranes work to see how the Hulk and Captain America came to be, use real world tools to determine how Spider-Man needs to get from building to building, try to crack codes like Black Widow, and take a look into space with the Guardians of the Galaxy and Thor.
- 25 Computer Science Discoveries, grades 5 & 6, Matt Staggs** - Love playing games? Do you want to try making them? Join us in Computer Science Discoveries to learn how to create animations and games using Code.org's development tools. We will learn how to create characters, make them move and interact. By the end of the 4 weeks, you will have what you need to continue on to make your own game!
- 26 Mysteries of the Human Body, grades 5 & 6, CATHERINE MALIN** - The human body is one of the greatest mysteries of all times. Together, we will explore and solve some of the mysteries surrounding medicine, human anatomy and physiology, medical forensics, genetics, and more! Throughout the program, you'll extract your own DNA, hold a heart, and leave class with a new "working" set of lungs. You'll apply your new knowledge and solve a medical forensics case and then become a disease detective and stop the next pandemic. Join us on this intriguing journey as we uncover the mysteries of the human body.
- 27 The Happiest Science on Earth, grades 5 & 6, ROBIN TYLER** - It all started with a mouse, but what makes the magic live on? Imagineering is Disney's own unique blend of science, art, and creativity that brings the magic (and the rides!) to life. In this class we will discover the science behind some of Disney's most iconic rides. Why do the teacups make you so dizzy? What keeps the grim ghosts grinning at the Haunted Mansion? Join us, as we explore all of the whos-its and whats-its behind everything Disney!
- 28 Environmental Artists: Using the Minimum for the Maximum Potential, grades 6, 7, & 8, HALEY KIRTLEY**
In a society that demands we consume more, many artists are taking a stand against high waste and low resourcefulness. Expanding your understanding of environmental and minimalist art will enable you to express your ideas about consumption and conservation through drawing, painting, assembling, and more. Your creativity and individual expression will be in high demand in order to utilize resources to the fullest potential. Be prepared to create art with intentionality - let your art bring awareness to the things you care about the most. The last Saturday there will be a time for you to share your environmental artwork with others.
- 29 Survival Science, grades 6, 7, & 8, MARY OSBORNE AND JOSHUA CRASK** - Survival often dictates that we make do with the materials we have on hand. A phone with GPS capabilities and unlimited battery life at our disposal may not always be an option. Using biology, chemistry, and other sciences, you will leave this class knowing scientific wilderness survival techniques. We'll learn how to make navigation tools such as sundials and star maps, identify edible food sources (that berry is pretty but is it poisonous?), and what to do if that interesting-looking stick turns out to be an unhappy venomous snake. Do you have what it takes to be a survivor?

WINTER SUPER SATURDAYS 2020

FEE \$100 (MAKE CHECKS PAYABLE TO WKU SUPER SATURDAYS.)

The Center for Gifted Studies
at Western Kentucky University



Full Name _____ Preferred Name _____

Date of Birth ____/____/____ Grade in 2019-20 ____ Gender: Male__ Female__

Mailing address: _____
number street apartment number

city state zip

Mother/Guardian: _____ name Father/Guardian: _____ name

address (if different from student) _____ address (if different from student) _____

home telephone cell telephone home telephone cell telephone

email address email address

employer, occupation business telephone employer, occupation business telephone

School _____ School District _____

Have you or any of your family members participated in any of our programs? Please list by name and program: _____

Can you participate in normal physical activities? Yes__ No__ If not, explain on an attached sheet.

CLASS SELECTION (1 class for all 4 weeks):

Please only list classes in which you are interested. **No refunds will be given once you are accepted into a class.**

1st choice (#) _____

2nd choice (#) _____

3rd choice (#) _____

4th choice (#) _____

5th choice (#) _____

T-shirt size:



(please ✓ one)

child size: S __ M __ L __

OR

adult size: S __ M __ L __ XL__

A STUDENT MUST BE RECOMMENDED BY A TEACHER, COUNSELOR, OR PRINCIPAL.

Criteria for Student Approval (Please contact our office if you have any questions about the criteria.)

Student is in grade 1 - 8 during the 2019-2020 school year AND at least ONE of the following must apply:

- Student has shown high interest/achievement in one or more of the content areas. **OR**
- Student has received a distinguished rating on the state assessment. **OR**
- Student has been identified for services as a gifted child. **OR**
- Student has an IQ score of 120 or above. **OR**
- Student has a score at or above the 90th percentile on the total battery or at or above the 95th percentile on the total mathematics or language/reading section of the most recent achievement test.

MY SIGNATURE VERIFIES THAT THIS STUDENT MEETS THE ABOVE CRITERIA.

☐ Attended Super Saturdays previously OR _____

Signature of Educator

Signature of Parent or Guardian

Signature of Student

Amount paid: _____

Check #: _____

Make checks payable to WKU Super Saturdays. Visa, MasterCard, and Discover are accepted. There is a \$2 convenience fee if paying with a credit card:

www.wku.edu/gifted/payment



PARENT CONSENT FORM

Student Name: _____

- I give permission for my local newspaper to be notified of my child's participation in Super Saturdays at Western Kentucky University: **YES**_____ **NO**_____
- I understand, consent to, and agree that Western Kentucky University and/or The Center for Gifted Studies may photograph and/or videotape my child while he/she is engaging in University and/or The Center for Gifted Studies' activities, and that the University and/or The Center may utilize said photographs and video at their discretion, including, but not limited to, use in University and non-University Center and non-Center publications and other public venues, and that Western Kentucky University shall own and retain all rights to said photographs/video: **YES**_____ **NO**_____
- I certify that my son/daughter/ward has my permission to participate in Super Saturdays and that he/she will be subject to the regulations of Western Kentucky University and Super Saturdays: **YES**_____ **NO**_____
- I understand that I will be notified if a health emergency should arise. If I cannot be reached by telephone, I authorize whatever medical treatment is deemed necessary by competent medical personnel:
YES_____ **NO**_____

PARENT SIGNATURE _____ **Date** _____

MEDICAL INFORMATION

Emergency Contact Person (Other than parent) _____

Home Phone (_____)_____ Work Phone (_____)_____ Cell Phone (_____)_____

Another Emergency Contact Person: _____

Home Phone (_____)_____ Work Phone (_____)_____ Cell Phone (_____)_____

Insurance Company _____

Name of Insured Parent _____

Insurance Group Number _____

Family Physician: _____ Phone: (_____)_____

**Send the completed application and \$100 payment to: The Center for Gifted Studies
Western Kentucky University
1906 College Heights Blvd. #71031
Bowling Green, KY 42101-1031**

PLEASE CONTACT THE CENTER FOR GIFTED STUDIES IF YOU HAVE ANY QUESTIONS.
270.745.6323 • gifted@wku.edu • www.wku.edu/gifted

____ An additional check made out to the WKU Foundation/Talent Development is enclosed. Tax-deductible donations provide scholarships for children who cannot otherwise participate. Amount of donation: \$_____.
Thank you!

WINTER SUPER SATURDAYS 2020 PROGRAM

THE CENTER FOR GIFTED STUDIES offers opportunities for high-ability students to broaden the scope of their interests and interact with other bright young people. Four mornings are spent with a small group of students exploring an area of interest with a teacher who has expertise in that field. The classes emphasize a minds-on, hands-on approach to learning in an environment in which creative and critical thinking are encouraged.

TIME AND LOCATION - Super Saturdays will meet four (4) consecutive Saturday mornings (February 1, 8, 15, and 22). Classes will be held on the campus of Western Kentucky University. Parents are responsible for transportation to and from all classes and field trip locations.

Students will be in their classes each Saturday from 9:30 a.m. - noon CENTRAL TIME. Time will be allotted on the last Saturday for each class to share experiences with families.

SUPER SATURDAYS SEMINARS FOR PARENTS

We believe education is strongest when parents, educators, and students work as a team. In keeping with this philosophy, we invite parents of participating students to attend seminars on gifted children and their educational needs. **Watch for more information about Winter 2020 parent seminars coming soon.**

REGISTRATION

Courses are filled on a first-come, first-served basis. You will be in the same class for four weeks; however, you should list on the application five classes in which you are interested. If the first choice is filled, you will be placed in the next available class. **You will receive a written confirmation of registration indicating the class in which you will participate. Please make sure you select five choices that you would enjoy.**

TUITION

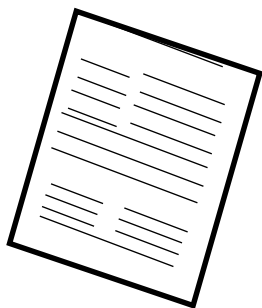
Tuition for the four-week class is \$100.00. This amount covers the instructional program, including materials, equipment, and a t-shirt. Tuition **must** be included with the completed registration form. If all five choices are filled, the tuition will be returned. Visa, MasterCard, and Discover are accepted with a \$2.00 convenience fee. Credit card payment is available on our website at www.wku.edu/gifted.

NO REFUNDS WILL BE GIVEN ONCE YOU ARE PLACED IN A CLASS.

FINANCIAL ASSISTANCE

Limited NEED-BASED financial assistance is available. **You MUST request and return the Financial Assistance Request Form and supporting materials by January 24, 2020.** Contact The Center at 270.745.6323 for a Financial Assistance Request form. **Be sure to return the class application (on page 5) as soon as possible with a small deposit to hold a spot in a class.**

APPLICATION INFORMATION



1. The application must be completed (both sides) and signed by the student, the student's parent or guardian, and the teacher, principal, or counselor recommending the student. **[If you attended Super Saturdays before, please indicate that on the line for educator signature.]**
2. A tuition fee of \$100 must be included with the completed application. **(Make checks payable to WKU Super Saturdays.)** If paying with a credit card there will be a \$2.00 convenience fee.
3. Applications will be accepted in the order in which they are received.

SEND APPLICATION AND REQUEST FOR ADDITIONAL INFORMATION TO:

**The Center for Gifted Studies
Western Kentucky University
1906 College Heights Blvd. #71031
Bowling Green, KY 42101-1031**

**270.745.6323
www.wku.edu/gifted
gifted@wku.edu**

You can also upload the completed application (www.wku.edu/gifted/applicationupload/) and pay with a credit card (www.wku.edu/gifted/payment).

THE CENTER FOR GIFTED STUDIES
WESTERN KENTUCKY UNIVERSITY
1906 COLLEGE HEIGHTS BLVD. #71031
BOWLING GREEN, KY 42101-1031

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CHANGE SERVICE REQUESTED

ADDITIONAL EDUCATIONAL OPPORTUNITIES

Sponsored by
THE CENTER FOR
GIFTED STUDIES



SPRING BREAK 2020 Italy, April 3 - 12, 2020

This travel/study tour is an opportunity for eighth grade and high school honors students as well as interested adults to learn about the history, culture, and people of Italy.



SUMMER CAMP FOR ACADEMICALLY TALENTED MIDDLE SCHOOL STUDENTS (SCATS), June 7 - 19, 2020

Now in its 38th summer, this two-week residential or nonresidential camp provides a wide range of classes for academically talented students who are completing the 6th, 7th, or 8th grade this year.

SUMMER PROGRAM FOR VERBALLY AND MATHEMATICALLY PRECOCIOUS YOUTH (VAMPY), June 21 - July 11, 2020

Turning 37 next summer, this residential program provides the opportunity for students to spend three weeks studying one course in great depth. To be eligible, a student must be completing the 7th, 8th, 9th, or 10th grade this year and have earned a qualifying SAT or ACT score.

CAMP INNOVATE, July 6 - 10, 2020

CAMP EXPLORE, July 13 - 17, 2020

Camp Innovate and Camp Explore are summer camps designed for advanced ability children with high interest in learning. The experience features minds-on and hands-on instruction to engage children in learning at advanced levels. Students will explore a wide range of subjects from math and science to art and language arts during their day. Camp Explore is for children in grades one, two, or three during the 2019-2020 school year. Camp Innovate is for children in grades three, four, or five this school year.