

SUPER *Saturdays* *Fall 2019*



Bowling Green

November 2, 9, 16, and 23, 2019

9:30 am – 12:00 pm

The Center for Gifted Studies

WKU



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

**Discover that
learning can
be fun and
challenging!**

Welcome to Fall 2019 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 **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!
- 2 **CSI Jr. Detective Agency, grades 1 & 2, BEN SLINKARD**
Calling all Junior Detectives! Join our team of detectives as we solve a mystery each week. We'll gather clues and collect evidence, including taking fingerprints, testing unidentified powders, and using chromatography (a special way to test ink), to be CSI detectives. A special visitor will show us some real detective tools. By pulling all our CSI detective training and tools together, we'll solve the who, what, where, and how behind the mystery. Junior crime fighters unite!
- 3 **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?
- 4 **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 minds-on, hands on experiments. You will learn how matter changes states and what makes up solids, liquids, and gases in this exciting class!
- 5 **Pirates, Princesses, and Creatures, Oh My!, grades 1 & 2, ASHLEY DAVISON**
Art is a language of dreams and wishes! Get ready to leave this world behind and embark on a magical journey. Put on your creative thinking caps and join us in making your wishes come true through fairy tale characters of your own imagination. Jump into your own magical world of fairy tale and adventure characters. In this interactive class, we will create favorite stories, costumes, and be the characters by exploring 2D and 3D wearable art. Dressed as your favorite creative character, be the star of the catwalk on our final day at the runway show! Parents are invited to attend our final runway event.
- 6 **Storybook Science, grades 1 & 2, KRISTIN WHITE HENSON**
Mythbusters unite! Let's read some of our favorite storybooks and then conduct minds-on, 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.
- 7 **Acting, grades 2 & 3, JULIE ROBERTS BOGGESS**
If you are interested in being "on stage," come join our class! Come explore a few acting games and techniques. Have fun creating scenery and props. Plus, during our final class we will perform a play for your families to enjoy. Are you ready to be an actress or actor?
- 8 **Secret Formulas, grades 2 & 3, LYNDESEY DUKE**
Be ready to become laboratory scientists as we explore the secret formulas of toothpaste, rock candy, hot ice, invisible ink, and much more! We'll make each product by testing the ingredients and then studying their make-up. Join in the excitement and discover the magic behind those formulas. The excitement of discovery is no "secret" in this class!
- 9 **Spy Training Academy, grades 2 & 3, SARA SPEAR**
Calling all Junior Spies! The Jr. Spy Training Academy is soon to be in session and we are looking for curious and creative minds to explore spy science. We'll learn how to create invisible ink messages, make a cipher to solve codes, and create our own secret codes (we have to keep our secrets safe!). Our special training will include detective work such as dusting for fingerprints, using chromatography to test ink samples, building a pom-pom shooter to send important information over a gorge, and other techniques to navigate the spy world. Who is ready to uncover the science behind spying, complete the academy, and get their official Spy School Training certificate?

- 10 Walk Like an Egyptian, grades 2 & 3, LAURA BETH HAYES**
Travel back in time to uncover the secrets of ancient Egyptian culture. Using everyday food and kitchen items, we'll create and mummify our own Egyptian pharaoh, and then experience a burial procession for our honored mummy. Throughout our journey, we will learn about the traditions and mysterious practices of the ancient Egyptians, and will also learn the science behind HOW and WHY mummification works. We'll keep a scrapbook of our adventure through ancient Egypt as we walk like an Egyptian!
- 11 Crazy for Coding! grades 3 & 4, KYLE SUMMERS**
If Code.org, Scratch, Code Combat, Lightbot, Ozoblockly, Ozobots, and Unplugged activities sound intriguing, this class is for you. You'll learn to use various coding sites and tools to learn basic logistical thinking skills as well as basic computer language. You can keep any projects you create and want to work on in the future. Coding is crazy - and fun!
- 12 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!
- 13 Newton's Notions: Exploring the Three Laws of Motion, grades 3 & 4, ANGELICA GARNETT**
Have you ever wondered about the power of movement and what exactly Sir Isaac Newton was talking about? We'll examine Newton's Three Laws of Motion through lots of minds-on, hands-on experimental designs that will show unbalanced forces, how mass and force affect acceleration, and the action/reaction of forces. After observing demonstrations, you'll design your own experiments to apply these three laws. Each Saturday we'll present our findings and understandings about how these laws work. There'll be no INERTIA in this class!
- 14 Our Powerful Planet, grades 3 & 4, MADISON WELLS STANTON**
The movement inside our restless earth creates earthquakes, volcanoes, hurricanes, and blizzards - through minds-on, hands-on science explorations, we'll learn to predict perfect storms brewing just above the surface. By simulating earthquakes, building volcanoes, tracking tornadoes, and more, we'll learn about these incredible earth processes while developing key scientific skills, such as questioning, observing, data recording, communicating and comparing. By the end of class, we'll use our new knowledge to view the world around us in an entirely new way, and be able to solve some "What on - or in - Earth is that?" mysteries.
- 15 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 be paleontologists when excavating fossils that we create in stone and ice. 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!
- 16 A World of Imagination, grades 3 & 4, CHRISTY MATTHEWS**
What do Willy Wonka and the Surrealist artists have in common? Both used imagination to create magical fantasy worlds. Bring your wildest dreams to life when you create a world and creatures of your very own. Unlock your creativity as we explore different materials to make animal collages, melting sculptures, and transportation creatures, (ala Dali, Magritte, and other surrealists). Perhaps you'll draw your inspiration by the surreal boat ride through the Chocolate Factory's dreamlike settings and unusual use of colors and shapes of ordinary objects. No matter where you find your influences, your world of imagination awaits. On the fourth Saturday you'll display your creatures in our own art gallery showcase.
- 17 Impact the World: Leadership for Girls, grades 3, 4, & 5, AURELIA SPAULDING**
This is not your ordinary leadership class! Accept the challenge to join other girls to learn about young leaders who made a difference and to practice how you can make a difference at home, school, or in your community. We'll learn practical steps to become a better leader in different situations by developing leadership skills such as goal-setting, decision-making, communication, and team-building. Through interactive activities and service projects, engaging speakers, and developing writing skills, we'll join together to make a difference.
- 18 Film School: Do You Know a Story That Needs to Be Told?, grades 4 & 5, SHAWN QUINN**
Do you want to explore the world around you through the lens of a camera? From everyday life to the major events of the past, documentaries help us understand our place in the world. Together we will explore the creation of documentary films from idea to finished product. In this class, you will learn the process starting with developing your idea all the way through editing and presenting your finished product.

MORE SUPER SATURDAYS CLASSES ON NEXT PAGE!!!

- 19 Into the Wild, grades 4 & 5, MARY OSBORNE AND JOSHUA CRASK**
Survival often dictates that we make do with the materials we have on hand. Although it would be nice to have a phone with GPS capabilities and an unlimited battery life at our disposal, we should be capable of navigating and thriving through any terrain – day or night – without expensive tools. In the coming weeks, we will make our own sundials, identify edible plants (is that berry really safe to eat?), explore how to find fresh water, and build our own shelters out of uncommon materials. Through these engaging activities that combine math, biology, and astronomy, we will survive!
- 20 Artistry Through the Camera, grades 4, 5, & 6, DWIGHT AUSTIN**
We are familiar with the art of the painter, musician, and the actor. But have you heard of the art of the photographer? In this class, you will not only explore the “science” of photography, but you will learn to see things as an artist and to capture a great image through the lens of a camera. You will learn how to properly adjust your camera for various compositions and effects, to manipulate and play with lighting, and create various moods to get that great photograph and bring out the artist in you! Students will need to bring a digital camera, preferably a SLR camera (no cell phones, please), but a limited number will be available. A tripod would also be great, but is not required. We’ll have our own gallery opening, so you can display your works of photographic art!
- 21 Pop Art Printmaking World of Imagination, grades 4, 5, & 6, APRIL YATES**
Andy Warhol, Jasper Johns, Wayne Thiebaud, Romero Britto, Jim Dine, and Peter Max are cultural/popular icons. Step into a world of creativity as we make our own printmaking masterpieces that will blow your mind. Find your own inspiration from everyday objects and make the ordinary into something extra-ordinary! You’ll explore the art techniques of block, gelli, scratch, mono printmaking and much more. Come step into our Pop Art World of past and current Pop Artists. We’ll have a gallery showing on the fourth Saturday, so get those sketchbooks ready to POP.
- 22 Avengers Assemble, grades 5 & 6, HANNAH HARLAN AND KACIE GAEKLE**
S.H.I.E.L.D. is gathering the Avengers, and your help is needed for experiments and activities to support the team. You’ll make a bubble lab to see how cell membranes work and how Hulk and Captain America have their powers, use real-world science tools to determine how Spider-Man gets 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. What will YOUR Super Power be?
- 23 Breakout EDU - Escape Challenges for the Curious, grades 5 & 6, JEREMY SHULTZ**
Clues, codes, riddles, and keys - join this immersive learning game to “break out.” Through teamwork and troubleshooting, you will solve a series of challenges and work through hidden contraptions in order to unlock the Breakout box. We’ll mix games and learning in this creative and innovative escape challenge.
- 24 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 four weeks, you will have what you need to continue on to make your own game!
- 25 Engineer This: Pulleys, Levers, and Gears, grades 6, 7, & 8, CRAIG FREY**
Invent, build, and test as we investigate the fundamental principles of engineering through building projects that will show how simple machines work. Gear trains, power ratios, and complex machines are just a few of the basic concepts of engineering that will be explored as you work on your own design projects such as cart launchers, transmission models, trebuchets, and more. These minds-on, hands-on projects will inspire future inventors and engineers.
- 26 Verse Novel Jumpstart!, grades 6, 7, & 8, SHELLY JONES**
Verse novels are all the rage for young readers these days! From Kwame Alexander's *Crossover* to *Brown Girl Dreaming* by Jaqueline Woodson, Young Adult authors are using poems to write incredibly rich, beautiful, and powerful novels! Verse novels, usually written as a collection of shorter poems, combine poetry with story. Our time together will begin with brainstorming creative ideas, inventing settings, characters, obstacles, and tense situations for our characters, all while studying examples from published authors in this unique genre of storytelling through poetry. Young writers will leave the Saturday series with the beginnings of their verse novels and an outline of what to continue writing after the last session.

FALL SUPER SATURDAYS 2019

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.

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

Signature of Educator

Position

Signature of Parent or Guardian

Signature of Student

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!

FALL SUPER SATURDAYS 2019 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 (November 2, 9, 16, and 23). 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. **During the first, second, and third Super Saturdays, parent seminars will be held from 10:00-11:30 a.m.** Specific topics and room location will be announced later.

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

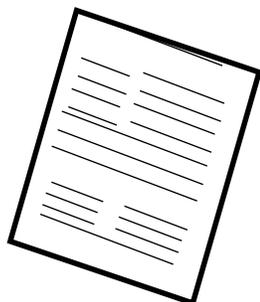
Tuition for the four-week class is \$100.00. This amount covers the instructional program, including materials, equipment, and a t-shirt. Tuition **must** be included with the completed registration form. If all five choices are filled, the tuition check will be returned. Visa, MasterCard, and Discover 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 October 25, 2019.** 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.
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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42101

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**ADDITIONAL
EDUCATIONAL
OPPORTUNITIES
offered by
THE CENTER FOR
GIFTED STUDIES**



BERTA SEMINAR, October 24 & 25, 2019

The Berta Seminar will feature Dr. Sylvia Rimm, renowned child psychologist. The Berta Seminar is designed to empower parents and educators with tools needed to better meet the social and emotional needs of these students. Although sessions are designated as being targeted toward either parents or educators, all are welcome at both sessions. Register at wku.edu/gifted.

DIFFERENTIATION WORKSHOP, November 13, 2019

Dr. Tracy Inman and Dr. Julia Roberts will offer two separate workshops on differentiation - one for educators new to differentiation and one for those who are familiar with their book *Strategies for Differentiation Instruction: Best Practices for the Classroom*. Register at wku.edu/gifted.

WINTER SUPER SATURDAYS, February 1, 8, 15, and 22, 2020

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.