SUPER Saturdays
Fall 2013

Bowling Green and Louisville
November 2, 9, 16, & 23, 2013
9:30 am – 12:00 pm

The Center for Gifted Studies
WKU

Discover that learning can be fun and challenging!

gifted@wku.edu
www.wku.edu/gifted
270.745.6323
Welcome to Fall 2013 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 Hidden Treasures and Pirate Adventures, grade 1, Natalia Estes - Ahoy, Mates! Here lie a dozen pirate treasures. Let's take to the high seas for fun and adventure with some pirate adventures. We will sail back to the days of desert islands, secret maps, and hidden gold. All pirates in the class will design their own pirate flags, make a secret treasure map, and hunt for gold. Come aboard, and let's discover treasures and adventures galore. Land Ho!

2 Make Your Own Fairy Tale Creature: Performance Edition, grade 1, Hannah Allgeier - Welcome to the wonderful world of fairy tale art adventure! In this class, we will use exciting multimedia art tools to create, celebrate, and explore enchanting fairy tale creations straight from our imaginations: flying dragons; magic mirrors; Peter Pan and Captain Hook; Genie and Aladdin; Tweedle Dee, Tweedle Dum, and Mad Hatter in Alice in Wonderland; and more! Parents are invited to work with our little fairy tale artists to create fairy tale characters and stories side by side to prepare for a fantastic final presentation!

3 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!

4 Kitchen Chemistry - Experiments Galore, grades 1 & 2, Andrea Heming - Do you love conducting experiments? Then this class is just for you! We will design experiments that you can re-create with supplies in your own home. Only the scientists who love to get messy should sign up for this class. We will have so much fun creating and learning, you won't be able to guess what we'll do next.

5 Pixar Mash-Up, grades 1 & 2, Casey Newton & Nic Baynum - What would happen if Woody met Wall-E or if Buzz Lightyear ended up in the ocean with Nemo? You decide! Come join us as we explore the magic of acting through the Pixar cartoons. We will have lots of fun as we learn about character development, costumes, and set design. Become your favorite character and help us create an entirely new story. The possibilities are endless!

6 Storybook Science - Hey Diddle Diddle, grades 1 & 2, Kentucky Science Center (THIS CLASS MEETS IN LOUISVILLE AT THE KENTUCKY SCIENCE CENTER) - Dive into your favorite stories and discover if a cow can really jump over the moon. Build a suit to protect Humpty Dumpty during a three-story fall.

7 Time Travelers, grades 1 & 2, Jennifer Wilson - Join us on a magical journey though time! Step into our special time machine to explore different countries and times hundreds of years in the past. You just might try on a toga from the ancient world, build a Native American house from 1,000 years ago, discover how people lived in the Middle Ages with knights and castles, or paint a picture in the Renaissance period. You will have a lot of fun learning about different periods in history and creating memories on each adventure!

8 What Makes You, You? grades 1 & 2, Sarah Lewis & Shelby Fisher - Join us as we explore the fascinating world of genetics – the science of what makes you different from everyone else. The color of your eyes and hair, your height and the shape of your nose, your fingerprints - even the ability to roll your tongue - are called genetic traits. Based on what we learn about traits, characteristics, and DNA, you'll create your own alien. Hey, where did you get those "genes"?

9 Wild about Writing, grades 1 & 2, Jennifer Cummings - Let your imagination run wild as you create your very own mixed-up animals like a “Zonkey” or a “Ziraffe.” If you’re an animal lover and enjoy being creative, this is the “purr-fect” class for you. You’ll write and illustrate your very own book about your special animals, using books like Eric Carle’s Mixed-up Chameleon for inspiration. What do YOU think a “rhinotor” looks like?

10 Acting Up (is Fun), grades 2 & 3, Julie Roberts Boggess - If you are interested in acting, come join this class! We will have a fantastic time exploring many different forms of creative dramatics. This is a great class because the teacher actually wants you to “act up”!

11 Bridging the Gaps with Bridge Building, grades 2 & 3, Patty Bertke - Think like a civil engineer as we uncover the math behind bridge building! Why use steel, stone, or wood in constructing bridges? Why are some shapes better than others? Examine bridge designs, tour a lab, meet an engineer, and build supports and bridges from everyday materials. Your hard hat is waiting! There will be some walking on campus, so appropriate footwear is requested.

12 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, write Lego stories, and more! It’s science, math, reading, and art – all with Legos!

13 Ready, Set, Paint! grades 2 & 3, Jenna Hall - Get up on your feet and step out from behind that easel. This class is your fun spot to explore the basics of color mixing and creative multi-media painting skills. But wait! The creative painting goes beyond using just paintbrushes and canvas. We want to discover innovative 21st century painting techniques such as painting with movement, drip and splash, hand painting, remote control and digital painting! Together, we will learn to create small paintings for small hands and large pieces of paintings for ambitious young artists. So, get ready to move and paint as never before!
Recipes by the Numbers, grades 2 & 3, Holly Milam-Bush - Join us to cook up some fun with math. Using non-baking recipes we will create our own culinary masterpieces by reading recipes, learning to make appropriate measurements, understanding fractions, and multiplying and dividing to increase or reduce the serving size. Discover how much fun and how important math can be in what we do every day.

SCIENCE 'R US, grades 2 & 3, Nita Cole - Calling ALL Junior Scientists….if you like to explore the world around you, this class is for you! You will do your own experiments as we learn the science behind bubbling, goopy, and stinky chemistry concoctions. We will learn to use tools of the trade while studying animals, plants, chemistry, and lots more. If you want to unlock the secrets of science, join us as we have fun while we observe, hypothesize, experiment, and conclude!

Artists from a Musical Trio: Art of the Painted Violin II, grades 3 & 4, Amy Wallace - Have you ever heard the sound coming from daVinci's “Silver Lute” or the rhythm of Seurat’s “La Parade”? Join the musical artistic trio in Picasso's “Three Musicians!” The Art of the Painted Violin is back with more instrument friends making colorful sounds of art! The doors are open to students with a passion for creative minds in visual art and music. Our ensemble of classes will create rhythm with Seurat’s pointillism, Picasso's sound waves in 2-D, and daVinci's tone color in 3-D art in the round. Come join the band of fun as we create an orchestra with art!

Storm Chasers, grades 3 & 4, Caley Melton & Stephanie Menser - Tornadoes! Volcanoes! Hurricanes! How did these climatic storms get started and what are their environmental impacts? From creating volcanic eruptions to mimicking fierce, swirling hurricanes, your experiments (using geological concepts) will shed light on where these storms originate. Let the storm chasing begin!

Weather or Not, grades 3 & 4, Kentucky Science Center (THIS CLASS MEETS IN LOUISVILLE AT THE KENTUCKY SCIENCE CENTER) - We're not in Kansas anymore… learn about weather patterns and tornadoes, observe how rain falls, and discover how snow forms.

Whodunnit? Using Forensics to Solve the Mystery!, grades 3 & 4, Madison Moore & Kimberly Stinnett - Someone has kidnapped Big Red, and it's up to you to save him! You must search for clues and analyze the data to solve the mystery. Can you use chemistry to decipher the clues found on the scene? ...the dirt? ...the fingerprints?! Can you help us save Big Red before it's too late?

Clay, Imagination, and Transformation!, grades 4 & 5, Ethan Hughes - What can you do with a little lump of clay? Could it become a talking finger puppet? Perhaps, it may become fantastic creatures from the fairy tale story. Or could it be a secret treasure chest with a majestic genie in a bottle? Learn easy and interesting clay techniques using your own hands and eyes; pinch, coil, score and slip, stamp, clay pattern, clay rhythm, clay texture, carve, and even paint on the clay surface! You will surely be impressed how your hands and imagination could transform the little lump of clay into something very special!

Puzzling Puzzles, grades 4 & 5, Ginny Pfohl - Do you like puzzles? Challenge yourself, your friends, and your family with lots of different puzzles. Peg, solitaire, toothpick, spatial, blacksmith, string, logic, geometric, sliding, two-person puzzle games, creative thinking, and more – puzzles abound! You will be making and bringing home your own puzzles, playing puzzle-based games, and creating a puzzle notebook to save your favorite puzzles (and solutions!). If you have a favorite puzzle, bring it to share with the class.

Science + Learning = FUN, grades 4 & 5, Hemali Rathnayake - Put on your safety goggles and become a scientist in a real science lab! Learn how to identify molecules using chemical techniques, determine the composition of mysterious compounds, perform infrared analysis, demonstrate how molecules emit colorful lights, and even make ice cream! Be prepared to conduct lots of experiments and have a great time.

The Sky's the Limit, grades 4 & 5, Lisa Fenton - Congratulations! You and your classmates have been chosen to be partners in a travel company called “The Sky’s the Limit.” No passport? No problem! As owners of this new venture, you will collaborate in teams to search Internet web sites to explore exotic destinations (Katmandu, anyone?) Then you will create a travel brochure that includes historical and recreational points of interest, and any other fun facts about the destination. You and your team will be responsible for creating a range of travel packages that include lodging, dining, and transportation. Your final travel brochure will include photos and images that will appeal to the eyes of potential travelers. Bon Voyage!

The Hunger Games, grades 4, 5, & 6, Katie Decker - Explore the power of friendship, survival, and government in a futuristic world. We will create our own version of Panem, design an arena for the next Hunger Games, and participate in a trivia Hunger Game that includes a mock reaping. We will also be designing a Glogster to display and understanding the different themes woven throughout the series. You must have read (not only watched) at least the first two books from the Hunger Games series.

Let's Learn German! Lernen wir Deutsch!, grades 4, 5, & 6, Tim Straubel - Guten Tag! Join us as we experience the German language and culture with lots of hands-on and minds-on activities and games. You’ll learn basic phrases, pronunciation, and vocabulary, and have your own personal activity book to take home. Come prepared to engage in a variety of fun-filled activities for your exploration of the German speaking world. Willkommen und Lernen wir Deutsch!

Art in the Park, grades 5 & 6, Kentucky Science Center (THIS CLASS MEETS IN LOUISVILLE AT THE KENTUCKY SCIENCE CENTER) - From sculptures to gardens, let your inner artist and naturalist shine through. Create various forms of art from natural materials, discover patterns and colors of nature, and learn how people used art as a form of record keeping. "One or more of these sessions will take place offsite."
Painting with Watercolor, grades 5 & 6, LELIA RUTH - Do you like Fall colors? Want to learn how to capture their beauty? Get inspired by the kaleidoscope of autumn colors and learn basic principles of painting. Get familiar with color, shape, and composition as we use the beauty of Fall as our muse. In this class, we will introduce students to various watercolor techniques, (i.e., flat, graded, and glazed wash, dry brush and spattering techniques, salt and alcohol techniques, tissue paper and plastic wrap textures, and wax technique). Be ready to be creative!

Stop the Presses: Calling All Reporters!, grades 5 & 6, ALI RAYMER - Extra! Extra! Newspaper journalism is alive and well, and you can be a first-hand reporter in this collaborative, real-world environment. We will learn the basics of sound journalism, and then with your press pass and reporter's notebook in hand, you will investigate, interview, write, edit, and design a student-run newspaper. From profiles to news stories to columns and reviews, you will publish a variety of journalistic pieces. You will also have the opportunity to experience journalism first-hand through a field trip to WKU Office of Student Publications, which includes the College Heights Herald and the Talisman.

Art, Nature, and Creative Inspiration, grades 5, 6, & 7, BRANDY YOUNG - Do you know that nature has provided an inspiration for the famous artists of the past and present? In this class, we will learn how the beauty of the natural environment impacts the creation of art. We will find objects from nature, discover ideas that appeal to our creative sparks, and produce amazing works of art using nature as our artistic inspiration. Our art projects include landscapes, two- and three-dimensional still life, portrait, printmaking, sculpture, wearable art using outdoor found objects, and much more!

Dare to Care: Learn to Be an Effective Leader, grades 5, 6, & 7, SARAH FOX - Have you ever considered what a difference you could make if you were the President, a Nobel Prize winning scientist, or a leader in business? What kind of leader would you be if the sky were the limit? In this class we will study what makes great leaders great as well as develop our own leadership skills. Come find out if you have what it takes to turn your dreams into a reality - you may just end up changing the world...

Russian Adventures, grades 5, 6, 7, & 8, Ekaterina Myakhshina - ДОБРО ПОЖАЛОВАТЬ! We will take an exciting virtual trip to Russia, complete with learning a folk dance, playing games, listening to folk tales, and creating arts and crafts including painting traditional nesting dolls and wooden spoons. До скорой встречи!

The Hobbit: Exploring Its Languages, Science, and Literature, grades 6 & 7, CHAD SNYDER - Explore the marvelous science and languages found in J. R. R. Tolkien's The Hobbit. We'll read passages of this incredibly fantastic book, examine the languages (Erebor Dwarvish and ancient Khuzdul Dwarvish). Additionally, we'll explore Middle Earth lore in great detail to discover how The Hobbit fits into J. R. R. Tolkien's world of The Lord of the Rings. Special attention will be placed on Sauron and Smaug's role in the book. Be prepared to watch a few clips and compare/contrast what you read from The Hobbit. Finally, we'll learn how to make the explosive mixture that Saruman used against King Theoden at Helm's Deep and mimic the “freezing” event that occurred when Bilbo outwitted the trolls. Science, alchemy, and fantasy - it's all still magic.

In Focus: Exploring Photography, grades 6 & 7, JEANIE ADAMS-SMITH - In this class, you will explore the world around you in a whole new way—through the lens of a camera! Did you know that photography is an exciting way to communicate and demonstrate your creativity? Join us to learn a few tricks of the photography trade, learn about our cameras, and get started taking terrific photos! Students will need to bring a digital camera (no cell phones please).

Art from All Angles: Enter a new Dimension of 2-D and 3-D Space, grades 6, 7, & 8, HALEY KIRTY - Discover the new possibility of space around you by creating cool, eye popping, and zany three-dimensional still life, portrait, printmaking, sculpture, wearable art using outdoor found objects, and much more! We will carve, construct, and assemble to study hands-on sculptural process for a deeper understanding of art in the round. So won't you join us and add your personal dimension of artistic space with your own style of painting, assembling, and sculpting!

Carnival Ride Camp, grades 6, 7, & 8, CRAIG FREY - “Buckle-in” for this enticing, hands-on introduction to the field of mechanical engineering through the modeling of common amusement park rides. You will explore mechanisms and simple machines while building model-size carnival rides. Learning about the engineering design process and Newton's Laws of Motion was never so much fun. Think Ferris Wheel, spin rides, and future rides just waiting to be invented!

Exploring the Fascinating World of Chemistry, grades 6, 7, & 8, AMANDA SNYDER - In this exciting and fun class, we will study kinetic energy by making our own thermometers, performing organic chemistry experiments, mastering the Periodic Table, learning some quantum chemistry, having fun drawing organic structures, and more! Bring your curiosity and prepare for lots of learning.

Calling all Chemists, grades 7 & 8, KENTUCKY SCIENCE CENTER (THIS CLASS MEETS IN LOUISVILLE AT THE KENTUCKY SCIENCE CENTER) – Study properties of matter while designing and predicting physical and chemical reactions. Make liquid nitrogen ice cream, experiment with surface tension, and launch pressurized air rockets.
FALL SUPER SATURDAYS 2013

FEE $80 (MAKE CHECKS PAYABLE TO WKU SUPER SATURDAYS.)

Full Name _______________________________________________  Preferred Name ___________________________________

Date of Birth _______/_____/_______         Grade in 2013-14 _____     Gender: __Male  or  __Female

Mailing address: number street apartment number

city state zip

Mother/Guardian: __________________________________________ Father/Guardian: ______________________________________

__________________________ ______________________________________________________

__________________________ ______________________________________________________

__________________________ ______________________________________________________

__________________________ ______________________________________________________

School ___________________________ School District ___________________________

Have you or any of your family 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.

Please note that classes 6, 18, 26, & 37 meet at the Kentucky Science Center in Louisville. Directions will be provided.

1st choice (#) ____________________________________________

2nd choice (#) ____________________________________________

3rd choice (#) ____________________________________________

4th choice (#) ____________________________________________

5th choice (#) ____________________________________________

T-shirt size: (please one)

(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 the office if you have any questions about the criteria.)

Student is in grade 1 - 8 during the 2013-2014 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.

_________________________________________  __________________________

Signature of Educator                                Position

_________________________________________  ___________________________________________________________

Signature of Parent or Guardian  Signature of Student
PARENT CONSENT FORM

Student Name: ____________________________________________________________________________________________

NEWSPAPER RELEASE:
I give permission for my local newspaper to be notified of my child’s participation in Super Saturdays at Western Kentucky University:      YES_____   NO ______

Parents’ names as preferred for news release: ______________________________________________________________

RELEASE AND AUTHORIZATION AGREEMENT:
I, ______________________________________ (parent/guardian) 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’s 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.

As the Parent/Guardian, 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.

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.

PARENT SIGNATURE ___________________________________________________       Date____________________________

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 $80 payment to:
(payable to WKU Super Saturdays) 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.
Phone: 270.745.6323      email: gifted@wku.edu      Fax: 270.745.6279      website: 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!
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 an instructor who has expertise in that field. The classes emphasize a hands-on, minds-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, 2013). Most classes will be held on the campus of Western Kentucky University; however, a few classes will meet at other locations near campus. Four classes will also meet at the Kentucky Science Center (formerly the Louisville Science Center) in Louisville. Directions will be provided. Parents are responsible for transportation to and from all classes and field trip locations.

Students will be in their classes in Bowling Green each Saturday from 9:30 - 12:00 p.m. CENTRAL TIME. Classes held at the Kentucky Science Center in Louisville will take place from 9:30 - 12:00 p.m. EASTERN TIME. Time will be allotted on the last Saturday for each class to share experiences with parents and other interested individuals. Note: Students are to go directly to their classes on November 2.

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 second and third Super Saturdays, parent seminars will be held in Gary Ransdell Hall, room 1074, from 10:00-11:30 pm. Specific topics 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 $80.00. 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. NO REFUNDS WILL BE GIVEN ONCE YOU ARE PLACED IN A CLASS. Limited NEED-BASED financial assistance is available. You must fill out a Financial Assistance Request Form. Contact The Center at 270.745.6323 for a Financial Assistance Request form, but do send in the class application as soon as possible with “Financial Assistance Request” written across the top so that you may be assigned to a class of your choosing.

APPLICATION INFORMATION

1. The application must be completed (both sides) and signed by the student and the student’s parent or guardian. The teacher, principal, or counselor recommending the student must also sign. [If you previously attended Super Saturdays, please indicate that on the line for educator signature.]

2. A tuition fee of $80 must be included with the completed application. (Make checks payable to WKU Super Saturdays.)

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 270.745.6323
Western Kentucky University www.wku.edu/gifted
1906 College Heights Blvd. #71031 gifted@wku.edu
Bowling Green, KY 42101-1031
**ADDITIONAL EDUCATIONAL OPPORTUNITIES**

**TRAVEL IN Italy**, March 28 - April 6, 2014
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 8 - 20, 2014
Now in its 32nd summer, this two-week residential or nonresidential camp provides a wide range of classes for academically talented students who are completing the 6th, 7th, and 8th grade this year.

**SUMMER PROGRAM FOR VERBALLY AND MATHEMATICALLY PRECOCIOUS YOUTH (VAMPY)**, June 22 - July 12, 2014
Turning 31 this 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.

**THE SUMMER CAMP**, July 14 - 18, 2014
The Summer Camp is a day camp designed for advanced ability and high interest children who have been in grades one, two, three, and four during the 2013-2014 school year.

**THE CAROL MARTIN GATTON ACADEMY OF MATHEMATICS AND SCIENCE IN KENTUCKY**
Contact The Center for Gifted Studies for more information or go to www.wku.edu/academy.