Summer Enrichment Workshop
for Gifted and Talented Students

Celebrating 41 Years

THE UNIVERSITY OF ALABAMA
College of Education
Gifted Education and Talent Development Office
Summer Enrichment Workshop (SEW), the annual program for gifted and talented students sponsored by the Program for Gifted and Talented in Special Education at The University of Alabama, is embarking on its fortieth year.

Students who have completed grades K through 8 and are enrolled in gifted programs, with consideration for other qualified students as space permits, are invited to attend.

The majority of teachers in SEW are graduate interns working toward a degree/certification in gifted education. Most of them are already teaching in school gifted programs throughout Alabama. Other teachers are experienced teachers of gifted and talented students from schools in the Tuscaloosa area.

SEW 2019 is directed by Drs. Jane Newman and Jennifer Jolly in The University of Alabama’s Gifted and Talented Program in the College of Education.

During the three-week program, students are enrolled daily in two sessions (each 1 hour, 45 minutes) with a refreshment break between the sessions.

Summer Enrichment Workshop provides outstanding experiences for both students and UA interns in small, personalized classes, and enrollment in SEW 2019 will be strictly controlled on a first-come, first-served basis.

Monday, June 8 through Friday, June 26, 2019 from 8:00 – 11:45 a.m.

Tuscaloowa Magnet School
Tuscaloosa, AL  35404

Send completed registration form, course selection form for the grade level completed, and $250 check (This includes a $50 non-refundable registration fee) made payable to Summer Enrichment Workshop to:

Summer Enrichment Workshop
The University of Alabama
College of Education
Box 870232
Tuscaloosa, AL 35487-0233

A special rate of $225 per student is offered when 2 or more youngsters from one family are enrolled.

We will not deny participation based on financial situations. Please contact us for scholarship information.

No refunds after May 1. Any cancellations prior to May 1 will receive a refund minus the $50 processing fee.

REGISTRATION DEADLINE
May 1, 2020. After May 1st, call for course availability.
Please read the Course Option descriptions for the correct grade level (the grade your child has completed) before attempting to make your course selection. Once you have decided, please choose three courses per time slot (where available), ranking those choices with a 1, 2, and 3. Make sure to enter first, second, and third choices for BOTH Session A and Session B (your top three rankings in Session A and session B).

We will make every effort to schedule each child into one of his/her first choices. However, when a class is filled, students will be scheduled into their second or third choices; first-choice placements cannot be guaranteed. Keep in mind that sometimes students acquire an interest in something as a result of exploring new topics during special events like SEW. Therefore, even a second or third choice may, in fact, become a future interest area for students. As in the past, students will be notified by mail as to their course placements. Letters will be mailed by the week before SEW begins. Please assume that your child is enrolled unless otherwise notified.

Summer Enrichment Workshop enrollment is on a first-come, first-served basis. SEW 2019 enrollment will be strictly controlled to allow for optimally small class sizes. Please return your CHECK, the REGISTRATION FORM, and the COURSE SELECTION FORM for the grade level just completed by the student by MAY 1 to

ATTN: Summer Enrichment Workshop
The University of Alabama
College of Education
Program in Gifted and Talented Education
Box 870232
Tuscaloosa, AL 35487-0233

For more information, please contact: (205) 348-6093.
Grades K - 1 Courses
Session A, 8:00am - 9:45am

DOWN IN THE DEEP
Are you ready for adventure? Let’s explore the ocean from seashore to the deep sea bed. Along the way construct a model kelp forest, dip into the tidal pool, build a coral reef, and study schools of fish and the most unusual creatures of the deep. Investigate the jaw-dropping ways animals can completely change their appearances to adapt to their environment. Find out how you can help protect the ocean. Ride the big wave into the study of oceanography!

GOING BUGGY
Do you “dig” bugs or are you “bugged” by bugs? Discover the fascinating world of insects by examining the body structure, life cycle, defensive behavior, and favorite habitats and foods of common bugs. Use observation skills to examine bugs, dead and alive. Compare and contrast bugs and create plays, art, and music while finding out about the friends and foes in your backyard.

Session B, 10:00am – 11:45am

RUMBLE IN THE JUNGLE
Explore the unique plants and animals of the rainforest. No need for an X-ray; the glass frog has a see-through abdomen. Discover the world’s largest snake and the loudest monkey ever. Find out about the blue morpho butterfly whose wings are so bright that they can be seen by pilots flying over the rainforest. You can help stop the extinction of plants and animals which are important to our planet for temperature control, drinking water, and even medicines to treat diseases. Come take a walk on the wild side in the rainforest!

LEGO MANIA
Play! Build! Learn! Use LEGOS to explore and construct different simple machines like a wedge, screw, lever, inclined plane, pulley, and a wheel and axle. Accept the challenge to build machines from LEGOS that will help move a heavy object from the floor to the table without picking it up. Determine how much force is needed to move the object. You might even motorize your LEGO machine. Be a part of our building team at SEW!
Grades 2 - 3 Courses
Session A, 8:00am - 9:45am

NOW YOU SEE IT. NOW YOU DON'T.
Optical illusions are images that play tricks on your eyes and make you question what you are really seeing. Explore how your eyes and your brain work together in creating such optical illusions as a hole in your hand! Create flip books to discover the use of optical illusions in animation. Make optical illusion toys, use lenses to bend light, and draw tessellating patterns that make others look twice!

CAN YOU DIG IT?
Like to get your hands dirty? Dig in the dirt? What about finding things that are lost? Can you imagine what it would be like to find something amazing that no one has seen in thousands of years? If you like digging into things and figuring out stories from past civilizations, you may be a budding archaeologist. Discover who archaeologists are and why they matter. Build your own tool kit as we excavate our own dig sites; maybe, just maybe, solve a few of history’s mysteries.

WELCOME TO THE JUNGLE
Did you know it can take up to 10 minutes for a drop of rain to fall from the canopy to the rainforest floor? Explore the many exotic plants and animals of the rainforest; it is home to one of the most feared, big-toothed fish called the piranha which is known for feeding frenzies on its prey. Learn about cocoa, chili powder, coffee, and chewing gum which all have origins in the rainforest. One fourth of all medicines used to treat disease comes from the rainforest, and new cures are waiting to be uncovered. Discover how you can help protect what has been described as “nature’s lungs” and the treasure of natural resources we call the rainforest.

A WORLD OF BUGS
How many bugs do you know – REALLY know? Get up close and personal as you examine the anatomy of bugs, their habitats, and the purpose of their coloration. Observe and log the behavior of selected bugs, their forms of communication, and their contributions (or detriments) to the environment. Make detailed, scientific drawings of insects and create fantastic, imaginative art from a bug’s eye view. Compose a song or rap to distinguish one bug from another or tell how bugs affect our lives.

CRIMESTOPPERS
Venture into the world of sleuths, private eyes, and investigators. Discover how to fingerprint and decode a secret message. Find out how the science of forensics deals with more than reading prints and can use a single hair or fiber to help solve a case. Want to learn how to tell if someone is lying during questioning? Can handwriting point a finger at the criminal? This course is all about the adventurous, “edge of your seat” side of criminology. Use clues to crack cases and catch sneaky culprits. Join the CRIMESTOPPERS!

KITCHEN SCIENCE
Science can be both fun and yummy! Learn how to create weird, wacky, and wonderful creations, some of which are edible. Join us in the kitchen lab to watch food turn from liquid to solid, experiment with color, make a volcano, spin eggs, and investigate bread goo – and MORE! Learn how to use proper tools and the methods of scientists to make it all happen. Grab your lab coat and goggles and join our team to explore wacky science.

Session B, 10:00am – 11:45am
Grades 4 - 5 Courses
Session A, 8:00am - 9:45am

LEAVE MINECRAFT BEHIND
In this course, you will leave Minecraft behind and become an engineer in the real world. Design and construct simple machines using varied materials. Solve problems involving moving heavy objects with machines you build and motorize. Use computers to program your machines to move the way you design them. Challenge your creativity and develop the engineer in you!

CSI DETECTIVES
Be a detective, investigator, forensic scientist. Learn how to collect evidence, analyze it, and catch the criminal. Use the scientific method to learn about the investigative process and solve cases. Gain experience in using testimonial evidence and body language, fingerprinting, impression evidence, hair and fiber analysis, chromatography, and blood splatter to analyze crime scenes. Practice forensic skills in arson and DNA evidence analysis. Find out how knowledge of entomology and anthropology can play a role in crime solving.

KITCHEN CHEMISTRY
Investigate scientific curiosities with materials and tools from the kitchen. Create some ink evidence for a forensic investigation. Learn about surface tension in a water drop competition. See what’s inside an egg without breaking it and discover the connection to the issue of acid rain. Go retro and create a lava lamp as you explore density and buoyancy. Use the scientific method as you form hypotheses, manipulate variables, run multiple trials, and analyze data in our kitchen laboratory!

Session B, 10:00am – 11:45am

BURIED IN THE PAST
Have you ever fantasized about being Indiana Jones and tracking down your own historical treasures? Here is your chance! Get your hands dirty by raiding our own archaeological sites, hunting relics of the past. Discover and examine amazing artifacts that have been left behind, buried, and or lost for ages. Use the tools and practice the methodology of archaeologists as you dig into the past. Piece together histories and have your discoveries featured for all to see. Unearth the who, what, when, where and how of archaeology!

SEEING IS BELIEVING OR IS IT?
Can you believe your eyes? Not always! Learn how some optical illusions can trick us because we have binocular vision. Discover how the eye-brain connection can create illusions, and find out why we think we still see an object after it disappears from view. Be both a scientist who figures out how illusions work and an artist who creates optical illusions by manipulating and distorting perception. Explore the world of M.C. Escher and others as you practice the art of tessellation. Uncover the uses of optical illusion in advertising, fashion, interior design, and the movie industry.

DIVE INTO OCEANOGRAPHY
Welcome to the School of Oceanography! Dive into the marine life, plant life, and careers in oceanography. Discover bioluminescent animals, examine the salinity of the ocean, analyze efforts to curb pollution of the ocean, assemble an aquarium and construct a coral reef. Uncover the secrets of the marine ecosystems and the organisms that call these ocean habitats their home.
Registration Form
DUE MAY 1, 2020

Student Name: _________________________________________ Preferred Name: ______________________________

Date of Birth: ___________________ Grade completed as of May 2020: _________________________________________

Has student attended SEW in the past? __________________________  Year attended: ____________________________

School Attended: ______________________________________  *Gifted Teacher’s Name: ______________________________

*Parents of a student who is NOT presently enrolled in/identified for a school gifted program should attach a teacher or principal recommendation, test data (achievement, intelligence, or creativity), and any other information describing the student’s special abilities/achievements and ability to benefit from the SEW experience. If the student has successfully attended SEW in the past, no recommendations are needed.

Parent/Guardian Name(s): ____________________________________________________________________________

Address: __________________________________________________________________________________________

Home Phone: ___________________ Work Phone: __________________________________________________________

Email: ____________________________________________________________________________________________

(You will receive an email confirmation of receipt of registration form. We will not deny participation based on financial situations. Please contact us for scholarship information.)

Check Enclosed: ______________________________________ Check #: ____________

Any additional information that SEW teachers need to know for the health and safety of your child?
______________________________________________________________________________________________

In the event of an emergency and we are unable to contact parent(s)/guardian, whom shall we contact?

Name: ______________________________________ Relationship to Student: ____________________________

Address: __________________________________________________________________________________________

Phone: __________________________________________________________________________________________

May we have permission to post 2020 SEW pictures of your child on the SEW website and/or film your child in class for promotional purposes? ________

AFTER-SCHOOL CARE NEEDED? YES OR NO  I NTERESTED IN BREAKFAST OR LUNCH? B OR L OR BOTH

Course Selections

Please indicate your top 3 choices (where available) for Session A and Session B by writing course selections in the spaces below. Children attending SEW will be enrolling in courses for the grade level which they just completed.

Grade Level ______  Session A  Session B

Choice 1  ___________________________________________  Choice 1  ___________________________________________

Choice 2  ___________________________________________  Choice 2  ___________________________________________

Choice 3  ___________________________________________  Choice 3  ___________________________________________

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