

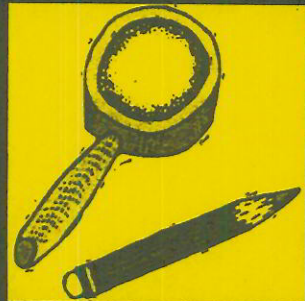
## *EKU The Next Generation*

June 10-12, 2013

8:00 a.m.– 3:00 p.m.

EKU Manchester  
Campus

EKU's the next generation is a summer program for gifted, talented, and high achieving students. This 3 day learning experience will enrich your child in math, science, art, and health. A variety of classes are offered in these areas to promote an enriching learn-



*For more information  
please contact*

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## *1st Annual EKU's The Next Generation Summer Camp for Gifted, Talented, & High Achieving Students*

June 10-12

8:00 a.m.– 3:00 p.m.



Gifted and Talented Education

# Registration Form

Child's Name: \_\_\_\_\_

Grade Level your child will be in next school year:  
\_\_\_\_\_

Child's Home Address:  
\_\_\_\_\_

School and District:  
\_\_\_\_\_

Parent Phone: \_\_\_\_\_

Emergency Phone: \_\_\_\_\_

Parent Signature: \_\_\_\_\_

Parent Email Address: \_\_\_\_\_

Signature of School Official verifying this

Student is identified as Gifted/High Achieving:  
\_\_\_\_\_

Please make checks of \$35.00 payable to:

Lee County School District

Registration Forms and Checks can be given to your  
school's instructional coach.

Please select your top 3 courses of interest.

We look forward to seeing you at:

*EKU's The Next Generation*

## Courses Offered

*Science on the Move: A study of movement and the body systems that make it possible.* \_\_\_\_\_

Have you ever given any thought to the science it takes to move your body? Every step, motion, sport, you play requires a tremendous amount of work by the unseen parts of your body: bones, muscles, and your heart. If you have ever been interested in the human body and how these parts work together to promote movement, as well as fitness and physical activity, this class is for you! We will study the structure of bones and muscles, build a replica of the human arm's bones and joints, and learn about physical fitness and how your heart and body are affected. Be ready to get your heart pumping, muscles moving, and bones shaking as we check our heart rate during various fun activities.

*Mystery Island with emphasis on math and science.*  
\_\_\_\_\_

Building a raft and testing for buoyancy and measure the amount of weight that it could hold.  
Creating a shelter with Popsicle sticks to model a smaller version of what you'd need for yourself, then calculating the area. Figuring out the enlargement that would be needed to house yourself and its area. Students would have to select the proper degree of angle for the roof as well to ensure the rain would runoff.  
Developing recipes with the tropical fruit using proportions and fraction computation.  
Creating a water filter system with various items to purify dirty water.  
Finding out what pi means with tree trunks. Students will use circular pieces of styrofoam to connections among pi, diameter, and circumference. Students will then be given growth rates on trees for them to use the diameter and growth rates to determine the tree's age.

*Art as Expression* \_\_\_\_\_

Are you interested in expressing your ideas and emotions with art? If so, this is the class for you. Taking inspiration from the artworks of Vincent Van Gogh, Georgia O'Keeffe and Pablo Picasso, you will be able to create an expressive artwork featuring abstraction and simplification. You will learn how to use various elements of art and principles of design to make a successful mixed media artwork that communicates your emotions to the viewer.

*Destination Imagination* \_\_\_\_\_

Destination Imagination provides students with fun and engaging Challenges that will teach them the creative process from imagination to innovation. We will develop opportunities that inspire a community of learners to utilize diverse approaches in applying 21st Century Skills and creativity. The Destination Imagination program encourages teams of learners to have fun, take risks, focus, and frame challenges while incorporating STEM (science, technology, engineering, and mathematics), the arts, and service learning. Our participants will learn patience, flexibility, persistence, ethics, respect for others and their ideas, and the collaborative problem solving process.

*CSI - Crime Scene Investigation.* \_\_\_\_\_

Our CSI class will include activities such as fingerprint analysis, crime scene analysis, fiber/hair analysis, blood analysis, microbe murder mysteries, and forensic anthropology. This class will also allow students to determine their own blood types, extract DNA, and learn to use a microscope.