

SESSION II PM

Art in Nature Session II PM

If you love being in outdoors, learning about nature, and making art, this is your class. Spend the week being outside; taking walking field trips, gathering and collecting items to use in creating a field notebook/sketchbook. Look at artists that are prominent with nature as their primary subject. Explore processes with drawing and sketching nature, including creating cyanotypes (aka sun prints). All of the creations and findings are outfitted for you to incorporate into your own hand binded field notebook.

Lab Fee: \$5.00

Instructor: Traci Bolda, HS Art, Columbia Public Schools

CK Live – Broadcast Team Sessions II PM

Welcome to CK Live where the news of CK is reported daily!! This is your chance to write, record, and produce a daily TV broadcast for all of CK to see!! Learn how to use a green screen and various recording programs. Use the communication skills of a journalist, all while investigating the amazing happenings on the CK campus!! Become a part of the CK Live–Broadcast Team.

Lab Fee: \$5.00

Instructor: Cami Webb, Teacher of the Gifted, Fulton Public Schools

Clued In Session II PM

Get ready for the classic Murder Mystery game Clue like you've never played it before. This murder mystery class takes the classic game of Clue off the board and into a real-life experience. Become a detective. Learn how to analyze clues and evidence. Find the suspect. Sharpen your skills as you become a character in the game and investigate your classmates. You never know, you may be the murderer. Solve the mystery and get Clued In.

Instructor: Melissa Milius, Fulton Public Schools

Demolition Derby Session II PM

"Innovation distinguishes between a leader and a follower." Steve Jobs

Crash test dummies and demolition derby--what could be more fun than designing safety features for cars and other moving objects using Newton's Laws of Motion? At the end of the week, you will compete in a demolition derby using your safety-enhanced vehicles. Explore engineering, problem-solving, and physics. Will your crash test dummy survive? Use your science and engineering skills to design and build cars with different power sources throughout the week. Compete in friendly competitions to see which designs and engine methods are most effective as you demolish your vehicles.

Instructor: Tanner Hackert, Biology, Columbia Public Schools

Design with Digital Media Session II PM

Looking to get a little creative? In this course we will use computers to design and publish a variety of digital media -- from animations and videos to personalized websites, printable 3D objects, mobile apps, and even create our own video games! Use technology to consume media and enjoy other's creations. This course will challenge you to start creating your own projects in those same mediums. Get your hands in the "digital dirt" and start making your own creations come to life. Designing with Digital Media is the perfect place to start.

Lab Fee: \$10.00

Instructor: Josh Howard, Media Specialist, Columbia Public Schools

Fit for Life Sessions II PM

Develop and maintain an active lifestyle while exploring different aspects of physical fitness. Learn how much physical activity is recommended at each life stage. Calculate your heart rate and BMI to determine how many calories are burned. Research nutrition and diet to maximize fitness and health. Explore individual and group activities as you bike, walk, and jog your way to total fitness. Come prepared to work both your mind and body. Bring: A bike in good working condition, bike lock, bike helmet (required), swim suit, closed toed shoes, water bottle, and bike pump (optional).

Instructor: Greg Irwin, AP History, Columbia Public Schools

Game On Session II PM

Learn new and enjoy favorite strategy board games. Strategy games are a fun style of board game that involves tactics and decision making. They have been played for centuries, in many cultures. Gameplay requires each player to use all their intelligences to come up with a superior plan to outwit and outscore the opposing players. Give your brain a workout. Learn tactical skills. Challenge your classmates to CK tournaments. Combine strategy and luck, take a "Risk", "Blockus" your opponents, get "Set", capture the Chess King, and direct your "Settlers of Catan" as you get your Game On. Create your very own strategy board game! Continue the fun after camp and take your game home to challenge your family.

Instructors: Jamie and Ron Danuser, Missouri School for The Deaf

Lights, Colors, Action!

Session II PM

Build a light course for a laser to shine through. Using concave and convex lenses build a microscope and a telescope! Understand why curved mirrors distort your image. Detect changes in light and color by creating your very own kaleidoscope. Understand why optical illusions trick your brain, and what you can do to not be fooled. Discover what 20/20 vision means and learn how optometrists correct vision with different types of lenses. This class focuses on optics which is the branch of physics that studies light and its interactions with matter; in short it is the study of how we see things. Get ready for lots of optical fun with Lights, Colors, Action!

Lab fee \$10.00

Instructor: Jill Roberts, Blair Oaks High School

Mythologies in World Cultures

Session II PM

"History is kept alive by those who remember to tell stories down generations..."

Why do bizarrely similar epic stories occur over and over again in different cultures of the world? One probable answer is that myths answer questions about the world around us that people do not understand. For example, the Greek, Japanese and American Indigenous people all had similar myths about the rainbow being a link from the gods to humans on earth. Take a look at commonalities in the epic stories from these cultures (along with some Disney, Tolkien, and Percy Jackson). Then, create and illustrate your own mythologies of everyday happenings, divinities, heroes and monsters of the earth, heavens, and seasons. Find your storyteller within.

Instructor: Peter LaMear, Elementary, Stephens College School