

**CK Live – Broadcast Team****Session I 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 I 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 and 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

**Colorful Chemistry****Session I PM**

Do you watch shows where scientists put one drop of a chemical in a container and it fizzes and bubbles and changes colors, then think, "I WANT TO DO THAT"? Now you can! Have you asked, why is fire orange or how can you change the color of fire? Why are stars different colors? How do chemicals enhance the colors in tie dye? Learn to use the electromagnetic spectrum and find out how oxidation can make colorful, smelly, or hot explosive chemical results. Experiment with the world of colorful chemistry.

Lab fee \$10.00

Instructor: Kylie Lane, Fulton Public Schools

**Demolition Derby****Session I 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 energy methods are most effective as you demolish your vehicles.

Instructor: Karen Hirst, Teacher of Gifted, Jefferson City Public Schools.

## **Grand Illusions**

### **Session I PM**

*"Perhaps, optical illusions occur because we don't always know what we see, but what we tend to see what we know." —AU College of Medicine.*

Study famous optical illusions and learn how to create your own. Why do we see color when there is only black and white? What is the Zollner Effect? Use lines and color to create movement on the page. Optical Illusions are visually perceived objects and images that differ from objective reality. These visual phenomena both fascinate and perplex us. Interpret mind bending images to determine the reality of your perceptions. Explore theories behind a variety of illusion types. Make organized chaos as you create your own grand illusions.

Lab Fee: \$5.00

Instructor: Anna McMillen, Counselor, Columbia Public Schools

## **I've Got a Story for You!**

### **Session I PM**

*"There are two sides to every story. Well at least that's what I've been told, but no one has ever given me the chance to share my story." -Rubeus Hagrid.*

Help your favorite supporting character from a book or a movie by telling their side of the famous story we all know and love. Learn Stop Motion Moving Making. Then create a short film to share your character's side of the story and make your name as a movie maker!

Instructor: Mollye Doering, Fulton Public Schools

## **Mural Action Painting**

### **Session I PM**

If you like the idea of flinging and splattering paint and do not mind getting messy, this is the class for you as you make large scale action paintings! Explore and learn about famous murals and muralists. Can street art affect the way people view their city and urban space? Learn the various processes related to painting murals, including the grid method, stippling, stenciling, glazing and antiquing. Discuss the social and political impact of street art, the laws of street art and then pivot to talk about action painting and famous painters that painted in that style. You will be amazed at your own creation!

\*Warning- you will get messy in this class; appropriate clothing is encouraged!

Lab Fee of \$10.00

Instructor: Angela Shaffer, University of Missouri, School of Visual Studies

# **PUMP IT!**

## **Session I 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, as well as eat healthy snacks that you will make. 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: Closed toe shoes, a bike in good working condition, bike lock, bike helmet (required), swim suit, water bottle, and bike pump (optional). Experience riding a bike required.

Instructor: Melanie Studer, ELA, North Callaway Schools