

SESSION I PM CLASSES

Art in Nature

Session I 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

Chocolate, Chocolate

Session I PM

The scientific name for the cacao tree is *Theobroma cacao* "Food of the Gods". Research verifies that we have been enjoying this heavenly treat for more than 300 years. With a history that long, there are lots of interesting facts to learn about chocolate. Join fellow chocolate lovers to research the history of chocolate. Discover the chemistry and molecular structure of chocolate. Change the chemical properties of chocolate. Create chocolate slime. Learn the nutritional properties of chocolate. Finally, it would not be Chocolate, Chocolate, if we didn't create and taste chocolate treats. Invent and make your own chocolate bar as you study Chocolate, Chocolate!

Lab Fee: \$5.00

Instructor: Sarah Laster, AP/Honors Chemistry, Columbia Public Schools

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

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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, Elementary, 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: Tanner Hakert, HS Biology, Columbia Public Schools

Fit for Life

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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, water bottle, and bike pump (optional).

Instructor: Melanie Studer, ELA, North Callaway Schools

WORLD CELEBRATIONS & TRADITIONS

Session I PM

In Brazil, they celebrate Carnival; in Spain, the Running of the Bulls; in Japan, there are Sumo Wrestlers; and in the United Kingdom, they have Pancake Day. These are just some of the countries and traditions we will cover. Expect to do some cooking, eating, dancing, singing, and moving around. Use your hands, body, and mind to create. Explore cultures and people from each of the six habitable continents. Experience some of the ways they celebrate holidays, special occasions, and everyday life. See, smell, taste, and experience celebrations from various cultures of the world.

Lab Fee: \$6

Instructor: Angela Russell, Middle/High School History Teacher, Fulton, MO