



## **SESSION III PM**

### **Caution: Wet Paint! Session III PM**

Are you ready to tackle the trickiest art material this summer? Explore traditional and experimental painting techniques! Start by creating our own pocket paint palettes that allow us to explore the campus and paint "en plein air." Following a crash-course in watercolor technique, investigate the world of experimental painting, and play with messy watercolors, India inks, washable tempera paint, permanent acrylic paint and even dabble in some altered surface mixed-media techniques. Learn how to utilize paints in a multitude of ways and how to apply it's own unique wet techniques to other artistic practices (and color theory too!) within our sketchbooks, on watercolor paper and finally, on canvas! But caution, the paint may be wet!

Instructor: Carrie Schauwecker, High School AP Art Teacher, Columbia Public Schools

### **Chemistry of Food Session III PM**

If you love science and chemistry, and you love to eat-THIS is the class for you! Explore the principle that creates both hard candy and ice cream, figure out why the fizz of baking soda and vinegar is a great way to make cake, and learn how tiny living creatures make great donuts. YES, we get to eat what we make, and YES you will learn lots of great chemistry. Food chemistry is the study of chemical composition of food; their physical, biological, biochemical properties, and the interactions of foods with each other. Basic food chemistry deals with 3 primary components of food: carbohydrates, lipids, and proteins and how each works in a food system. Find out why Chemistry of Food is the TASTIEST class at CK!

Lab Fee: \$10.00

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

### **Debating Philosophy in Scientific Advances Session III PM**

One scientific breakthrough can save a world... or devastate it through a thousand unintended consequences! We want YOU to engage the challenges of the most pressing and cutting-edge scientific advances. In a rigorous discussion format that brings the best aspects of debate and problem-solving, tackle the unintended challenges connected to such things as: quantum computing, gene editing, facial recognition surveillance, cloning, driverless cars, artificial intelligence, living decades longer. Debate these ethical scientific and social dilemmas with your CK classmates as we struggle together through the possible practical, legal, and ethical challenges of living in the future. Prepare to challenge CK classmates in an "Ethics Bowl". Learn how to start an ethics bowl team in your school.

Instructor: Tucker Snider, AP English, Jefferson City Public Schools

### **Gaming Unplugged Session III PM**

Tabletop games have been providing people with fun, competitive, social interactions for over 4,000 years. Even in the current digital age of computer and video games, face-to-face tabletop games are becoming more and more popular. Strategic games make the mind work logically and creatively. When working through these games,

the mind and brain are practicing problem solving and logic skills. Almost all our strategy games require decision making and high situational awareness. They offer you the chance to try your own tactics and style to organize and execute and defeat your friends. In a world that has gone virtual, let's get back to sitting across the table and challenging both our friends and our minds. Explore games from around the world (Fox and Geese, Dara, Gomoku), classic games of strategy (chess, Othello, Set), new "Roll and Write" games to hobby. It's time to game, unplugged.

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

### **Hogwarts and the CK Cup Session III PM**

Hogwarts and the CK Cup returns for a second year! Join us as we undertake an immersive and hands on exploration of Hogwarts and the lore surrounding Harry Potter. Bring the world of wizards to life through spell-play, creating relics, potions class, mythology and literature. New studies, creations and house challenges bring new twists and opportunities to the class this year. And yes, there will be Quidditch, wands, butterbeer and the second annual Chalice of Fire CK Cup tournament!

Lab fee: \$5.00

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

### **Memory Perceptions Session III PM**

Sensation, Perception, and Memory. How are we able to remember the lyrics to hundreds of songs; but struggle to know our own cell phone number? How does the world look to someone who is colorblind? Do we really perceive the world as it is; or do we miss some details? Join us as we play tricks with our brains to learn how we sense, perceive, and remember the world. Explore the limitations of your memory and practice memory games to expand your ability to remember.

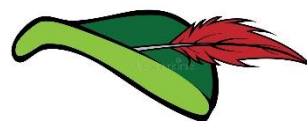
Instructor: Shawna Matteson, AP Psychology and History, Columbia Public Schools

### **Murder, Mystery, and Mayhem with a Drop of Drama! Session III PM**

Do you love mystery, Crime Solving, Intrigue, DRAMA, then this is the class for you. Have you ever heard of Ravenwood Castle?? The Wild, Wild, West?? These are only a few of the places you will be transported to as a character in a murder mystery!! Be transformed into a character in each of the mysteries and maybe even the victim or the criminal. Dig down and find your best acting and improv skills because you will need to think on your feet, search for clues, solve puzzles, face danger, and endeavor to solve the latest mystery all while playing a very specific role in this twist of mystery and mayhem!! We will end with a Murder Mystery Dinner Party, and hopefully, the word end isn't literal!!! BAHAHHA!!!!

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

### **Music Video Creation Session III PM**



Did you ever want to be a rock star in your own music video? Share ideas, collaborate with others and perform in a music video that is entirely from your imagination. Bring your own props to create an imaginary setting to match

your song choice. Learn how to add effects, clone yourself, use green screen techniques and edit your work. Become a star in your own music video creation.

Instructor: Kristi Deneke Digital Media Teacher, Columbia Career Center

## **Mythologies in World Cultures Session III 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. 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: Jon Myers, AP English, Columbia Public Schools

## **The Happy Mind Session III PM**

How does mediation work? What is mindfulness? What can psychologists and philosophers teach us about happiness? Go on an inward journey to explore how science supports everyday practices to deal with stress and make philosophical inquiries into living well. Let's activate those neural pathways with like-minded friends.

Instructor: Jonathan McFarland, AP History, Columbia Public Schools

## **You've Got the Beat Session III PM**

You've Got the Beat will challenge you to hear rhythms in the sounds of everyday life by using your minds and transform your vision to see musical instruments in everyday objects such as trash cans, sticks, metal pipes and different size buckets. Join your CK friends to create a CK street drumline! Turn the rhythms into a conglomerate of magical sounds, create songs and become street performers, showcasing our drumline music in downtown Columbia and the CK talent show. The best part is, no musical experience is required, just a love of rhythm. If you have ever wanted to be in a drumline, this is your chance! Check out this video to get an idea of what you will create! Giddings Drumline on Trash Cans <https://www.youtube.com/watch?v=w6OkS1D9EyM>

All are welcome!

Instructor: Jake Hiley, Instrumental Music, Fulton Public Schools

