

## **SESSION III PM**



### **Caution: Wet Paint!**

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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!

Lab fee: \$10.00

Instructor: Traci Bolda, HS Art, 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: Stephanie Harman, Chemistry & Physics 9-12, Columbia Public Schools

## **Cyber Spy Academy II**

### **Session III PM**

Attention, elite agents! Are you ready to take your espionage skills to the next level? Your mission, should you choose to accept it, is to discover the secrets of espionage. With advanced codebreaking, tougher scenarios, and new spy tactics, master the art of cyber defense and offense. Discover complex patterns, crack cryptic codes, and defend global secrets in intense team challenges. Become a top-secret agent in a week brimming with action, mystery, and digital adventure!

Instructor: Rebekah Hanak, Mathematics Education Doctoral Candidate at the University of Missouri Columbia.

## **Exploring Big Questions**

### **Session III PM**

Can robots have feelings? Do we all see the same color red? What if the world was just one giant video game? Ever wonder about the world in ways that no one seems to have an answer for? Dive into the wild and wonderful world of philosophy, where no question is too strange, and no idea is too big. Explore mind-bending questions about reality, imagination, and the mysteries of our everyday lives. Challenge your mind, think outside the box, and learn to see the world in a completely new way. Through fun games, lively discussions, and creative projects, become a young philosopher, ready to tackle life's greatest mysteries. Get ready to think like a philosopher?

Instructor: Alex Mertzluft, HS Digital Media Teacher, Columbia Career Center

## **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 of 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); and new "Roll and Write". 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 fifth 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. And yes, there will be Quidditch, wands, butterbeer, and the fifth annual Chalice of Fire CK Cup tournament!

Lab fee: \$5.00

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

## **Melodrama**

### **Session III PM**

A melodrama is a performance that is highly dramatic, often with exaggerated characters and heightened emotions and by the predominance of plot and physical action over characterization. The narrator reads. Actors overact. The sign-bearer follows his cues. The audience laughs. The hero gets the heroine and the villain gets vanquished. Step into the shoes of outrageous characters and embrace the ridiculous nature of melodramas on stage. Discover your part and make it outlandish. You'll laugh, you'll cry (probably from laughing so hard), you'll perform a Melodrama then ... get off-stage and laugh some more.

Lab Fee: \$5.00

Instructor: Claire Majerus, K-12 Instrumental Music, Columbia Public Schools

## **Murder, Mystery, and Mayhem**

### **Session III PM**

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!!  
BAHAHAHA!!!!

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

## **Podcasting 101: Crafting Digital Stories**

### **Session III PM**

Unlock the art of digital storytelling and explore the dynamic and fast-growing genre of podcasting. From idea conception to the final polished product. Learn to create compelling and impactful podcast episodes. Dive in story development, podcast formats and genres; study various podcast styles, such as interviews, storytelling, documentaries, and talk shows and analyze popular podcasts to understand how structure, tone, music and pacing shape the listener's experience.

Instructor: Ellen Wilson, American Literature, AP Literature and Composition, Columbia Public Schools

## **Surrealism**

### **Session III PM**

Are you drawn to the weird? Do you like weird drawings? Melting clocks, mustaches, impossible staircases, and apple faces. If you'd like to free your mind to get strange, then surrealism is the art movement for you. From the paintings of Salvador Dali to the films of Michel Gondry, artists have mined their minds for images that make something more than sense. And you can, too! Let's make some bizarre art together while learning the history of some of the world's weirdest and most wonderful works. No skills required - just bring your weird self.

Instructor: Jonathan McFarland, HS English, Religion, and Philosophy, Columbia Public Schools

## **That's Debatable!**

### **Session III PM**

It's time to settle some age-old questions – Are Oreos better than Chips-a-Hoy? Should 7th and 8th graders have social media? Are human beings primarily driven by selfish motives? Must PE be a requirement for high school graduation? Dig into these questions and many more as we learn the basics of structured debate. What does the affirmative have to do to win? How can the negative team attack the resolution and the pro case? In this class arguing with peers is encouraged - if you do it with evidence, reasoning, and respectful dialogue! Dig into how to turn an argument so that it benefits your stance or prove a point incorrect with superior "cards". If you have ever considered competitive debate, hone your skills while learning more about sparring with words.

Instructor: Dr. Danielle Johnson, Columbia Public Schools, HS Speech, and Debate Coordinator

