

**“Life is a shipwreck, but we must not forget to sing in the lifeboats.”     Voltaire**

## **SESSION III PM CLASSES**

### **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: Josephus Johnson, Gifted Teacher, Columbia Public Schools



*My 10th grade year has come and gone and it was the best year yet! The love and camaraderie I've experienced every year at CK is priceless. College for Kids is really home. Thanks to everyone for making this season of my life so special.  
- Blaine*

### **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.

## **Game Extravaganza**

### **Session III PM**

Get ready for a strategy game extravaganza! Practice your critical thinking, long-term planning and getting in the mindset of their opponent with a variety of strategy classics from Bolkus to Chess. Develop your own strategies for Risk or Settlers of Catan. Apply sophisticated strategies for games new to you. Collaborate with your friends to talk about game strategies, custom rules, and how to hit new high scores in various competitions. Challenge your teacher to a game of chess and he may even show you the methods he's learned to defeat chess masters. Develop a community of creative strategists as you figure it out in Game Extravaganza.

Lab Fee: \$5.00

Instructor: Drew Shattuck, AP History Teacher Rock Bridge High School, Columbia.

## **Hogwarts and the CK Cup**

### **Session III PM**

Hogwarts and the CK Cup return 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

## **Into the Rabbit Hole: Creating Optical Illusions with Impact**

### **Session III PM**

"Alice had begun to think that very few things indeed were really impossible." -Lewis Carroll

Use visual perspective to create a floating city, castle, or an island worthy of wonderland. When you close your eyes, what do you envision? Are you transported to a brightly colored daydream-like world? Do you envision a neon futuristic society of the sky? Is there a "pastel time period" that you wish you lived within? Create a whimsical world where the rules of our shared reality do not apply. Explore the art of adding optical illusions to your dream landscapes both literal and conceptual. Work in multiple mixed materials, such as watercolor, drawing media, collage, and 3D models. Maybe, add a bottomless pit with steppingstones or a 3-D bridge to get across. Dive deep into designing your own fantasy worlds within your sketchbooks, creating landscapes, locations, and optical illusions within each unique artistic environment. Join your CK classmates as you conceive, draw, create, and mold your whimsical worlds into existence. Nothing is impossible.

Lab Fee: \$5.00

Instructor: Julia Padget, Art Teacher, Fulton Public Schools

## **Inquiring Minds Want to Know**

### **Session III PM**

Psychology is the study of the brain and mind, or why do we do what we do? The mind encompasses many phenomena, including perception, memory, thought, imagination, motivation, emotion, attention, learning, and consciousness. Research human behavior and what makes us tick? Learn the difference between nervousness and anxiety? Examine criminal cases to learn more about the criminal mind. Investigate the strange behaviors of notable serial killers and answer, are all serial killers psychopaths? Compare and contrast psychopathy and sociopathy. Learn how mental disorders become so severe that they need treatment by a medical professional. Explore the differences between different disorders, what causes them, and how they are treated. What does your inquiring mind want to know?

Instructor: Katie Wood, Social Studies Teacher, Fulton Public Schools

## **Laugh Out Loud, or Not**

### **Session III PM**

Monty Python. Saturday Night Live. Family Guy. Check any catalog of the world's great works of genius, and you will not find any of these among them; instead, War and Peace, Hamlet, and Citizen Kane, and other renowned works make up the accepted list of classics. And while there is no debating that these are all noble and significant works, one might ask -- why doesn't everyone just lighten up?! Why is it that comic works of the stage, screen, and page are all too often viewed as second rate works? Is laughter important? What is comedy? Ask and answer these questions. Investigate comic theory and the most revered examples of comedy in literature, theatre, and film, from ancient Greece to the twenty-first century. Learn once and for all whether a Trojan Bunny Rabbit (from Monty Python and the Holy Grail) is funny -- or not! Be prepared to laugh out loud.

Instructor: Scott Henderson, Rockbridge High School, 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

## **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

## **Team Challenge**

### **Session III PM**

Get ready for a week of excitement, innovation, and friendly competition! In *Team Challenge*, students will be placed into dynamic teams and face a series of daily challenges designed to test their creativity, problem-solving, teamwork, and physical energy. Students will thrive in this fast-paced, hands-on environment that rewards ingenuity, leadership, and collaboration. Teams will earn points throughout the week leading up to the high-energy final challenge where the week's champions are crowned. This class is perfect for students who love to think outside the box, work with others, and push themselves both mentally and physically. No two days are the same - come ready to create, compete, and connect!

Lab Fee: \$5.00

Instructor: George Yates, Middle School Teacher, Fulton 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? Delve into these and other debatable questions. 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? 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". Consider competitive debate; hone your skills while learning more about sparring with words.

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

