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K makes you think and want to reach beyond your comfort zone to become better. That's what camp does; it pushes brilliant and clever people to do things outside of ordinary. It's extraordinary and CK brings out the best in so many people. I remember every class, every suitemate, and how each year was magical.

- Rowan



SESSION II AM CLASSES

Adventures in 3D and Virtual Reality

Session II AM

Are you ready to design your own digital universe and make it come alive? Dive into the exciting world of 3D modeling, virtual reality spaces, and coding. Start by crafting stunning 3D models, from characters and environments to objects and animations, and bring them to life using cutting-edge VR technology. Learn the power of coding to program interactive experiences and gameplay, giving your models real functionality. Whether you're building a game, a virtual tour, or an immersive world, you'll have the chance to design, code, and explore your own creations in fully immersive virtual spaces that are limited only by your imagination. Step into the future of digital design and become a creator of worlds!

Lab Fee: \$10.00

Instructor: George Yates, Middle School Teacher, Fulton Public Schools



Calling All Dragon Slayers

Session II AM

Whether you love dragons, acting, creative design, or play promotion, College for Kids Needs YOU to help put on the play, The Reluctant Dragon. Throughout the week we will practice audition techniques, learn and perform lines, create a play program, design low to no cost costumes and perform our one-week masterpiece featuring Mortimer, the dragon who doesn't want to be a dragon. We will also do a deep dive into the history and lore of dragons. You will get to design your dream dragon and try to sell your dragon design to the board of dragon creators - after all, someone must replace Mortimer! There will be something for every kind of creative mind who likes learning with purpose as we pull off the impossible - a play in one week!

Lab Fee: \$5.00

Instructor: Danielle Johnson, Speech and Drama Coordinator, Columbia Public Schools

Chain Reaction Contraptions

Session II AM

Explore the engineering process by asking questions, planning, building, creating, and analyzing. Learn to generate multiple creative solutions to a problem as you build a wacky chain reaction machine. Create a slow-moving marble run. Build a machine that will make something happen. Connect the marble run to the contraption. Connect the contraption to another one for a multiple chain reaction. Make your machine do work in the most simple-complicated way possible. Use the principles learned to create other machines or mechanical games. Be prepared to plan, build and tinker as you create chain-reaction contraptions.

Lab Fee: \$5.00

Instructor: Mark Gacia, Elementary Teacher, Hallsville Public Schools

*"Row, row, row your boat
Gently down the stream
Merrily, merrily, merrily, merrily
Life is but a dream..."*

Data Detectives 101

Session II AM

Future detectives, get ready to uncover the hidden truths all around you! Every number holds a secret, and every dataset is a puzzle waiting to be solved. Step into the role of a data detective, investigate strange patterns and reveal stories buried beneath the conspicuous. Explore mysterious trends, analyze intriguing data sets, and put clues together to resolve captivating challenges. Grab your magnifying glass, it's time to unveil the unseen!

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

Eco-Quest

Session II AM

From forest floors to prairie skies, nature is full of mysteries waiting to be solved! In Eco-Quest, you'll head outdoors to study streams, ponds, and wildlife habitats while learning how scientists collect data and protect ecosystems. Back inside, turn your discoveries into experiments — testing soil and water, modeling food webs, and exploring how humans can keep natural systems healthy. Get ready for muddy hands, big ideas, and real-world science adventures.



Uncover how the living and non-living parts of an ecosystem connect. Blend outdoor exploration with hands-on science in the lab, giving you a chance to think like an ecologist, biologist, and environmental engineer. Investigate the living laboratory around us — from pond ecosystems and stream health to soil, weather, and prairie habitats. Step into the wild and become a nature scientist!

Instructor: Jordan Rockett, Boone County Nature School Teacher

Espionage

Session II AM

Become a secret agent in the world of espionage. Break codes and unlock hidden messages to save the day! From unraveling clues to dodging "lasers," play games that deliver action, creativity, and teamwork. Each lesson will challenge you to break a new code. Learn these amazing sleuth skills to help you solve tricky puzzles, cryptographs, and ciphers as you unlock tasty mystery snacks along the way. Create your own coded messages. Learn to make invisible ink as the Ancient Greeks and Romans did. Discover how espionage changed history, learn more about how the Choctaw and Cherokee Americans became code talkers and how the allies cracked the German Enigma codes during WWII. Recognize the signals of navigation and practice morse code as you communicate with your CK classmates. Now that you've got ideas, what are you waiting for? At class end, gather your gadgets, rally CK friends, and embark on a mission of snacks, spies and espionage.

Instructor: Amy Bell Elementary Education North Callaway R-1

Fantastic Fictional Worlds

Session II AM

Have you ever wanted to fly on the back of a dragon, cast a spell, or travel to an enchanted realm? Although these feats may seem impossible, in the world of fantasy the only limits are your own imagination! Discover what it means to become a hero... or a villain. Develop mythical creatures, create magical worlds and unique characters who live there. Examine popular examples of rich fantasy world-building through literature and film. Aspiring authors and fantasy enthusiasts will have a chance to write, draw, and design creatures in a fantastic fictional world where anything can happen!

Lab Fee: \$5.00

Instructor: Anna McMillen, School Counselor, Columbia Public Schools

Mind Master

Session II AM

Discover the world of cognitive psychology and the many secrets about how we interact with the world around us. Through daily experiments, tricks and experiments explore memory, problem-solving, and decision-making.

Determine if your eyes and mind are on the same page. Learn what simple issues to look out for that can mess with your head. Apply cognitive psychology principles as you become a mind master.

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

War Strategies

Session II AM

From ancient empires to modern warfare, the art of strategy has shaped history in both brilliant and tragic ways. Enter the mindset of commanders, soldiers, and thinkers over time, to examine how choices, chance, and courage create turning points. Discuss topics such as how gender roles joining militaries, added new voices and perspectives when redefining who serves, who leads, and how the stories of war are told. Delve into scenarios that opens questions about honor, sacrifice, and what true victory really means as you interact with local veterans. Analyze the philosophies behind warfare. Compare short writings from two wars as you ponder what it means to wield power, to resist it, and to live with its consequences. Apply these new ideas as you challenge CK classmates to traditional games of war such as Risk and Battleship. And get ready for an all-outclass water balloon simulation where you formulate and carry out war strategies.

Lab Fee: \$5.00

Instructor: Damon Hamilton, Bartley School, Fulton Public Schools, MO



Whose Line is it Anyway?

Session II AM

Whose line is it anyway is a comedy show spotlighting a series of spontaneous, improvised sketches. Telling jokes and sharing comedy on stage is an art. Practice the art as you play theatre games and try improvisation. Learn secrets from some of your favorite comedians. Use your creativity to bring your personality and sense of humor to stage. Try your hand at a variety of comic styles. Practice standup, storytelling, group scenes and comic strips. No experience necessary! If you love to laugh and are willing to be wacky, this is the class for you!

Instructor: Greg Irwin, AP History, Columbia Public Schools

Wilderness Survival Challenge

Session II AM

Learn wilderness survival skills while competing as tribes as on the hit TV show Survivor! Each day, explore the creeks and wilderness of Fulton parks. Learn hands-on skills and compete in team challenges. Learn by doing as we explore the four principles of survival: shelter, fire, food, and water. Practice improvised fire-making and shelter building. Identify wild edibles, use a compass, make creek water drinkable, and much, much more!

Lab Fee: \$5.00

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