



SESSION II PM

CK Live – Broadcast Team Sessions II 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 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 Session II PM

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. 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: Mark Garcia, Elementary Teacher, Hallsville Public Schools

Cyber Spy Academy Session II PM

Attention, young spies! Ever dreamt of becoming a secret agent? Now's your chance! Discover the power of numbers in espionage as you learn to decode messages using basic ciphers and mathematics. Navigate mazes, solve puzzles, and crack codes in team challenges. Dive into the world of cybersecurity and learn how experts protect our information in today's digital world. Join me for a week of mystery and excitement in the realm of digital espionage!

Instructor: Rebekah Hanak, Former Data Intelligence Engineer Instructor for Marine Corps Intelligence Schools, Middle and High School Teacher, Mathematics Education Doctoral Student, University of Missouri.

Fit for Life
Session II PM

Play, walk, and run your way to experiencing various types of physical fitness and life-long healthy lifestyles. Play classic games like kickball, four square, and sand volleyball. Learn new games such as super-aerial ultimate frisbee and giga ball. Teamwork helps us to be our very best when working with others. Learn about the importance of staying hydrated. Become informed about nutrition and making good food choices (try some fun smoothie recipes and taste tests), as you explore all about vitamins, good fats and bad fats. Come prepared to play a little as you work both your mind and body! Get fit for life!

Lab Fee: \$5.00

Instructor: Greg Irwin, AP History, Columbia Public Schools

Game On
Session II PM

Dive into the exciting world of designer tabletop games! Gaming has made a worldwide resurgence in popularity, experience a wide variety of games, from quick, laugh-out-loud silly games like Happy Salmon and Cockroach Poker to deep, strategic thinking games like Quarto and Dungeons of Karak, explore this fascinating culture. As you explore games, you will also design and test-play your own game to bring out the game designer in you!

Lab Fee: \$5.00

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

Get the Point
Session II PM

“Without geometry, life would be pointless”. What would life be without lines, points, and shapes? Architects would not be able to understand spatial relationships without geometry. Imagine a world without bridges, buildings, and other structures that we have become so accustomed to seeing. Geometry allows us to uncover hidden patterns in the natural world and the most innovative buildings that humans have ever built. Play around with shapes and all 3 dimensions like every engineer and builders do as they construct our world. Test your engineering skills as you build the strongest bridge, learn to use tools to construct a tessellation, discover where pi comes from and create a Möbius strip. Answer the question, is it magic or is it geometry? Let’s take on the fun side of geometry as we get the point.

Instructor: Jennifer Sirois, Middle School Math teacher, Columbia Public Schools

Kinetic Sculpture Block
Session II PM

What if you could make a work of art that had infinite possibilities? It isn’t just a work of art- it is a kinetic block full of images that you will create. Nine blank wooden blocks will turn into a cube that will flip and fold into dozens of unique images. Each time it is flipped it becomes a different work of art! In one flip it could be a portrait, a machine, an animal.... like a Rubik’s Cube for art. Take home your Kinetic Sculpture Block to entertain your friends and family!

Lab Fee: \$8.00

Instructor: Traci Bolda, HS Art, Columbia Public Schools

Play on Words

Session II PM

Wordplay is the many ways a writer can manipulate words to create new or surprising meanings. Become the ultimate wordsmith, where vocabulary becomes your secret weapon! Try new and challenging word games that will “Boggle” your mind and have fun conquering a few old favorites. Investigate “Word Crimes” and practice proven tricks and strategies to become a Scrabble master. Wrangle words with other word meisters in this Word fest of puns, homophones, anagrams, onomatopoeias, palindromes, pig Latin, Mad Libs, humorous poems, puzzles, and games, as you “turn the phrase”!

Lab Fee: \$5.00

Instructor: Anna McMillen, School Counselor, Columbia Public Schools

Rubik's Cube and Logic Puzzles

Session II PM

Welcome to the exciting world of Rubik's Cube solving and logic. Learn about the fascinating puzzle of the Rubik's Cube and the skills and strategies needed to solve it. Embark on a fun and educational journey as you sharpen your problem-solving abilities. Feel the accomplishment as you conquer this iconic 3D puzzle. By the end of this course, you will have the tools needed to know how to solve the Rubik's Cube and to solve the cube fast (under 20 seconds). Challenge your brain as you learn the secrets of other logic puzzles such as Sudoku, Star Battle, Nanogram, KenKen and more. Leave with a newfound appreciation for logic and iconic puzzles that have challenged and captivated minds for decades.

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

Sphero: A Look at Robotics

Session II PM

Calling all robot-lovers! Sphero is a robot designed to inspire you to explore, learn, and put your creativity to the test. This robot's "brain" gets instructions from a program you will write that is like a real-life app you could find in the App Store. Program the Sphero to bowl, navigate a maze, and learn a variety of tricks through simple coding. Roll your sleeves up and get a hands-on learning experience while exploring the world of science, technology, engineering, math, and of course creativity! The only limitation is your imagination. Take your newfound knowledge home to your friends and blow them away with your new, groundbreaking robot skills!

Lab Fee: \$5.00

Instructor: George Yates, Elementary Teacher, Fulton Public Schools

