

"STEAM" COLLEGE CONNECTIONS (SCC) CAMP FOR KIDS 2020

Description:

The STEAM (SCC) Camp for Kids is coordinated and facilitated by the DuPage County NAACP STEAM Program and North Central's COLLEGE CONNECTIONS. The week-long camp will provide fun and enriching experiences in "STEAM" (Science, Technology, Engineering, Art, and Math) and the liberal arts for students entering 4th, 5th, or 6th grade for the 2020-2021 school year. Held "Virtually", the SCC Camp will enable students to learn about the road map to college and experience the richness of the liberal arts through a simulated schedule of classes including science labs, art, music, literature, writing, dance and drama, world languages and wellness games and activities.

The innovative camp, with a "Science of the Arts" theme this year, is an inclusive, multi-faceted problem-solving initiative designed to increase the exposure of students to coding, chess, art, music, robotics, science, math, STEM-careers and the college experience. The classes, taught by educators, teacher candidates, and STEM professionals, provide students with engaged instruction and immersion in a college campus. The week culminates on Friday afternoon, July 24th, with a "Learning Showcase for Parents!"

Join us for a fun-filled week that begins each morning with chess instruction, taught by one of the community's top chess coaches, and *coding, provided by highly acclaimed and innovative experts. The day continues with rich college-like experiences in the liberal arts tradition including foreign language, literature, composition, science (i.e. the science of art, kitchen/forensic/roller coaster science), and recreation, as well as important conversations about college. Parent Orientation is Thursday, July 9th

Brief Description of Technology Classes:

***Beginning Coding Class** is designed to be fun and engaging, Code.org's progression of Computer Science Fundamentals courses blends online and "unplugged" non-computer activities to teach students computational thinking, problem solving, programming concepts and digital citizenship.

***Moderate to Advance Coding Classes** is designed to immerse yourself in the world of music technology. Through the process of mixing beats and learning about music production, you will gain valuable STEM skills including computer coding with the Python programming language. Club participants will compete in coached team events featuring live music creation and code.

Gaming Boot-Camp is an introduction to the fundamentals of game conceptualization and development. The student gains an understanding of basic game design and terminology through presentations, discourse, and hands-on projects. Students "don't just play the game, they get in the game."