CB Summer Fun 2022 Enrichment Courses

Middle School Advantage: Middle school is a big step on the road to maturity. Preparing young people with the academic and interpersonal skills to succeed can ease that transition and help build a solid foundation for success. Students will work individually and in teams as they focus on algebra readiness/algebra review, language arts, active reading, timed-writing skills, science, interpersonal skills, and personal enrichment. This course provides a unique opportunity to collaborate with other students and develop skills that become increasingly important with each educational transition. Session 1 and 2 cover the same material.

Transition to High School: Transition to High School is an enrichment program for incoming CB 9th graders that allows students to orient to the campus, form friendships with fellow classmates, and prepare for the advanced academic rigors of high school. In a dynamic group environment, teachers work with students on leadership skills, critical thinking and reasoning, study skills, public speaking, language arts, composition, science, and mathematics. Students do not earn credits for the course; however, this is a unique opportunity to learn valuable skills necessary for making a well-prepared transition to high school. Six-week Bridge courses are available for students seeking extended coursework in English/History summer reading and math/technology. Session 1 and 2 cover the same material.

Young Leaders: Calling all future leaders! Designed for 5th and 6th grade students, this camp will help budding leaders become active leaders in their school communities. Students will identify the qualities of a good leader, develop their own skills as leaders and learn fun games and activities that can be used immediately when returning to school in the fall. This is a great course for students looking to build confidence, improve public speaking and collaboration skills, while becoming more involved.

Arts Camps

Fundamentals of Art: Fundamentals of Art will lead students through the basic techniques of art including shapes, contour, shading, texture, and color. Students will learn to work in various mediums including pencil, pastels, and watercolor. During this week-long class, students will create both a sketchbook and portfolio containing several art projects. The class is designed for students with little or no art experience but who wish to learn more about the fundamentals of art and art techniques.

Movie Club: Campers may extend their day at Movie Club where they will relax and enjoy some cool summer fun. We'll be *Finding Nemo*, taking a trip to the *Sandlot*, and having an *Incredible* time with a variety of age-appropriate movie selections.

Musical Theatre: If you love to act and sing, or just want to give it a try, this week-long musical theater camp is your opportunity to do just that. Campers will discover and develop their talents under the guidance of CB's phenomenal Choral Director, Mr. Christian Bohm. Campers will build confidence and experience the joy of creative expression and collaboration. (5th-9th grade)

TV News and Production: Have you ever wanted to be a TV journalist? Ever wonder how they do it at ESPN or on the local news? Spend a week in CB's television studio learning how to capture video footage, create and edit a story, add music and graphics! Aspiring broadcasters and filmmakers are invited to spend a week learning about journalism, broadcasting and video production all while learning fundamental studio skills in this completely hands-on classroom! The class culminates on Friday with

students anchoring a live to tape version of the “Talon Morning New” on KBFT. All campers will have access to their completed work from the week.

Science Camps

Chemistry for Kids: Chemistry for Kids takes an engaging look at the many ways in which chemistry “reacts” all around us every day. Through a variety of demonstrations and hands-on experiments designed to teach introductory chemical concepts, students will take a beginner’s look at sophisticated topics such as acids and bases, reactivity of metals, and more, in fun and intellectually challenging ways.

Coding and App Development: First-time coders and aspiring app developers will bring their ideas to life. Campers will learn how to think like developers as they create games and apps using a number of programs including Apple’s coding language, Swift. This is a hands-on interactive course where students will complete their own app or game that can be utilized on an iOS device.

Introduction to Engineering: This hands-on, engaging camp introduces participants to the exciting world of engineering while encouraging the important skills of critical thinking, problem solving, and collaboration. Campers will explore the engineering behind skyscrapers, bridges, airplanes, and more, in this highly interactive, hands-on course.

Physics for Kids: Physics for Kids is designed to give young campers an introduction to basic concepts of motion and forces. This hands-on, interactive class inspires kids to get *"physical"* as they develop a better understanding of concepts such as speed, acceleration, free-fall, momentum, and simple machines.

Robotics I is designed to introduce campers to the concept of robotics. During camp students, will learn basic concepts and create and operate their own robot. ***A robot kit is provided to students and is theirs keep at the end of the week.*** We will be using iPads to operate the robots while in class. At home, the robot will operate with an app installed in either an Android or Apple device.

Robotics II will build on concepts and skills discovered during Robotics I. In Robotics II, campers will utilize more sophisticated building materials and techniques to accomplish specific challenges. ***A robot kit is provided to students and is theirs keep at the end of the week.*** We will be using iPads to operate the robots while in class. At home, the robot will operate with an app installed in either an Android or Apple device.

Robotics III will build on concepts and skills discovered during Robotics I and II. Campers will utilize more sophisticated building materials and techniques to accomplish specific challenges. Students will need to use an iPad, iPhone or Android device to operate the robot. ***A robot kit is provided to students and is theirs keep at the end of the week.*** We will be using iPads to operate the robots while in class. At home, the robot will operate with an app installed in either an Android or Apple device.