
CB Summer School, Summer Fun 2017 Course Catalog- Pre- High School Camps

1. Boys' Basketball -- Grades 3-8

Jul-10-2017 - Jul-13-2017

9:00 a.m. – 12 noon

This basketball camp focuses on the fundamentals of basketball and will challenge both beginning and experienced players. Campers will work with CB's varsity coaching staff as they participate in a variety of scrimmage games and drills while focusing on teamwork, respect and dedication to the game. Camps are for kids who enjoy basketball, want to have fun, improve their skills and meet new friends.

2. Boys' Volleyball -- Grades 4-8

Jul-12-2017 - Jul-14-2017

5:00 p.m. - 7:30 p.m.

Spend a few days of summer improving individual skills, learning the game of volleyball, and having fun with friends. This volleyball camp focuses on the fundamentals of the game with specialized training in game strategy. This camp will also focus on individual offense and defense.

3. Coding and Gaming for Girls – Grades 3-6

Jul-17-2017 – Jul-21-2017

9:00 a.m. – 3:00 p.m.

Coding and Game Design for Girls will teach campers how to design their own video games. Girls will learn all about coding and game design by completing quests designed to teach sequencing logic and critical thinking skills. They will each create and design their very own video game and digital interactive stories! In this course, campers will learn the coding basics with visual code blocks and learn how to create multi-level arcade games using Tynker and Scratch. The week will conclude with a digital show. This class is intended for students with little or no programming experience but who wish to learn the coding essentials.

4. Girls' Lacrosse Camp -- Grades 4-9

Jun-19-2017 - Jun-22-2017

9:00 a.m. - 12 noon

Participants in this fun camp will learn stick skills, shooting, dodging, offense and defense techniques through exciting and challenging lacrosse games and activities. All campers, from beginners to experts, will improve their shooting, passing, technical and tactical skills through individual and small group instruction.

5. Flight -- Grades 7-8

Jun-19-2017- Jun-23-2017

9:00 a.m. - 3:00 p.m.

Human Flight is one of the most intriguing forms of transportation developed in modern times. From Icarus and the Wright Brothers to modern space flight, humans have always had a desire to fly like birds. In this class, students will discover the properties that allow birds to take flight, will design airplanes and will build and launch hot air balloons, paper and cardboard planes air rockets and model rockets.

6. Fun with Art: Advanced Drawing and Painting-- Grades 6-8

Jun-19-2017 - Jun-23-2017

12:30 p.m. - 3:00 p.m.

Fun with Art is designed for the more advanced student. During this class, campers will delve more deeply into concepts including shapes, contour, shading, texture, color and will master working with mediums such as graphite, pastels and colored pencils. Like Fundamentals of Art, each student will finish the week having created a personal sketch book and portfolio of projects. The week will conclude with an art show held in the George Cunningham '40 Performing Arts Center.

7. Fun with Art: Famous Artists-- Grades 6-8

Jun-26-2017 - Jun-30-2017

12:30 p.m. - 3:00 p.m.

Have you ever looked at a piece of art and wondered how or why it was created? Have you ever wanted to make your own? In Fun with Art: Famous Artists, campers will do just that- learning how and why famous artists created the art that they did and using those same skills and principles to make their own masterpieces. Fun with Art: Famous Artists is open to all, but a familiarity with drawing and painting is suggested. Like Fundamentals of Art, each student will finish the week having created a personal sketch book and portfolio of projects. The week will conclude with an art show held in the George Cunningham '40 Performing Arts Center.

8. Fundamentals of Art, Session 1-- Grades 3-5

Jun-19-2017- Jun-23-2017

9:00 a.m. - 12:00 p.m.

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, paint and water color. During this week-long class, students will create both a sketchbook and portfolio containing several art projects. The class is intended for students with little or no art experience but who wish to learn more about the fundamentals of art and art techniques. The week will conclude with an art show held in the George Cunningham '40 Performing Arts Center.

9. Fundamentals of Art, Session 2-- Grades 3-5

Jun-26-2017- Jun-30-2017

9:00 a.m. - 12:00 p.m.

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, paint and water color. During this week-long class, students will create both a sketchbook and portfolio containing several art projects. The class is intended for students with little or no art experience but who wish to learn more about the fundamentals of art and art techniques. The week will conclude with an art show held in the George Cunningham '40 Performing Arts Center.

10. Girls' Basketball -- Grades 4-8

Jul-17-2017 - Jul-20-2017

9:00 a.m. - 12 noon

This basketball camp focuses on the fundamentals of basketball and will challenge beginning and experienced players. Campers will work with CB's varsity coaching staff as they participate in a variety of scrimmage games and drills while focusing on teamwork, respect and dedication to the game. Camps are for kids who enjoy basketball, want to have fun, improve their skills and meet new friends.

11. Girls' Lacrosse Camp -- Grades 4-9

Jun-19-2017 - Jun-22-2017

9:00 a.m. - 12 noon

Participants in this fun camp will learn stick skills, shooting, dodging, offense and defense techniques through exciting and challenging lacrosse games and activities. All campers, from beginners to experts, will improve their shooting, passing, technical and tactical skills through individual and small group instruction.

12. Girls' Volleyball -- Grades 4-8

Jul-10-2017 - Jul-12-2017

5:00 p.m. - 7:30 p.m.

Spend a few days of summer improving individual skills, learning the game of volleyball, and having fun with friends. This volleyball camp focuses on the fundamentals of the game with specialized training in game strategy. This camp will also focus on individual offense and defense.

13. Jr. Falcons Football Camp -- Grades 2-8

Jul-18-2017- Jul-20-2017

6:00 p.m. - 8:00 p.m.

The Jr. Falcons Football Camp is open to all interested football players between the ages of 6-14. Players will learn basic football skills taught by the Christian Brothers High School coaching staff and CB Varsity football players. This is a non-contact camp and participants will not be in pads. The camp fee for non-registered Jr. Falcons is \$50.00. *The camp is free to all pre-registered Jr. Falcon players. Please call Jan Warren at (916) 733-3632 to receive the code for online registration.*

14. Leadership Camp -- Grades 6-8

Jul-10-2017- Jul-14-2017

9:00 a.m. - 3:00 p.m.

Calling all future leaders! Designed for incoming and current middle school students, this camp will help budding leaders become active leaders in their community. 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 students return to school in the fall. This is a great course for students looking to build confidence, improve speaking skills and become more involved in their community.

15. Middle School Advantage, Session 1 -- Grades 7-8

Jun-19-2017 - Jun-30-2017

8:00 a.m. - 1:00 p.m.

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.

16. Middle School Advantage, Session 2 -- Grades 7-8

Jul-17-2017 - Jul-28-2017

8:00 a.m. - 1:00 p.m.

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.

17. Physics for Kids -- Grades 3-5

Jun-19-2017- Jun-23-2017

9:00 a.m. - 3:00 p.m.

Physics for Kids is designed to give young campers an introduction to basic concepts of Forces and Motion. Campers will learn about motion and forces by creating model cars and simple machines. At the end of the week, students will leave with a bag load of projects and a better understanding of concepts such as speed, acceleration, free-fall, momentum and simple machines.

18. Robotics 1 -- Grades 4-5

Jun-26-2017- Jun-30-2017

9:00 a.m. - 3:00 p.m.

Robotics I is designed to introduce campers to the concept of robotics. During camp students, will create different robots utilizing Legos© and the Mindstorms Brick© to help these robots successfully complete tasks.

19. Robotics 2 -- Grades 6-8

Jun-26-2017- Jun-30-2017

9:00 a.m. - 3:00 p.m.

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 common to the FIRST LEGO LEAGUE® (FLL) activities.

20. Robotics 3 -- Grades 7-8

Jul-03-2017- Jul-07-2017

9:00 a.m. - 3:00 p.m.

Robotics III will teach programming basics by utilizing Lego's EV3 Brick® and coupling it with the iPad and desktop programming. Students will engage in game design as well as basics of using programming languages such as Python® and Scratch®.

21. Robotics 4 – Grades 7-9

Jul-10-2017- Jul-14-2017

9:00 a.m. - 3:00 p.m.

Robotics IV campers will move beyond the basics of on-line coding to develop skills with LEGO Mindstorms EV3/NXT© as well as learn more about the open source Arduino© platform, its software, and the Bricktronics© shield. During this one week course, students interested in coding will begin working with hardware and programming languages. They will build a simple line following robot using Mindstorm EV3© block programming and will later reprogram with Arduino. Students will get a basic overview of C-like languages and discuss how the Arduino with its C-like language works. Campers will also learn debugging and other basic skills needed for coding and programming. This camp is open to any student who has completed Robotics 3 or who has some programming/coding experience.

22. Soccer: Goal scoring, Goalkeeping & Games -- Grades 5-9

Jul-10-2017 - Jul-13-2017

4:00 p.m. - 6:00 p.m.

Participants in this fun co-ed camp will learn attacking and defensive techniques through exciting and challenging soccer games and activities. All campers will improve their shooting, passing, technical and tactical skills through individual and small-sided games. Individual and small-group instruction will be provided by varsity coach, Jake Hunley '96, and his Sac-Joaquin Section championship-winning coaching staff.

23. Transition to High School Session 1

Jun-19-2017 - Jun-30-2017

8:00 a.m. - 1:00 p.m.

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, 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.

24. Transition to High School Session 2

Jul-17-2017 - Jul-28-2017

8:00 a.m. - 1:00 p.m.

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, 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.

25. TV News & Production Camp, Session 1 -- Grades 6-8

Jun-19-2017- Jun-23-2017

8:00 a.m. - 1:00 p.m.

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 all of their completed work from the week.

26. TV News & Production Camp, Session 2 -- Grades 6-8

Jun-26-2017- Jun-30-2017

8:00 a.m. - 1:00 p.m.

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 all of their completed work from the week.

27. Understanding Engineering and Design-- Grades 5-6

Jun-19-2017- Jun-23-2017

9:00 a.m. - 3:00 p.m.

Engineering involves problem solving, designing and building. Everything made by humans takes some form of engineering to make it. In this class the campers will look at engineering to have fun as they learn process of identifying problems, problem solving to find solutions and then designing things and making things.

28. Youth Theatre Workshop – Grades 4 -7

Jul-17-2017 -Jul-21-2017

9:00 a.m. - 3:00 p.m.

This one week class will address the fundamentals of theatre including monologues, dialogues, improvisation, stage directions and props as well as the basics of costuming, lighting and sound, and stage direction. Students will engage in role playing as well as play acting, all of which will help them to understand and appreciate the value of theatre and drama as both a hobby and a vocation. Student works will be showcased at the end of the week. Previous experience with theatre or drama is not expected. This camp will culminate with a performance on Friday, July 21, in the George Cunningham '40 Performing Arts Center.