

## **Session 1 (July 6-16) and Session 2 (July 19-30)**

CAP Class Offerings for Grades 6-9

*(Please Note: Pods 1-6 are for Grades 3-5)*

### **Pod 7: Grades 6-9**

#### **Backyard Games**

Summertime is about backyard games: kickball, tag football, wiffle ball, basketball, ultimate frisbee and much more!. Stay active and have fun while enjoying various sports and games this summer.

#### **TV Broadcasting**

In this multifaceted class, you'll have a chance to explore the many aspects of broadcasting. Whether you want to be a TV reporter, camera operator, video editor, or story writer, this class has something for everyone! Students will create weekly segments about the fun, sometimes wacky, never boring, and most interesting aspects of CAP throughout the summer. Students will learn basic fundamental approaches to creating a video news segment from the creative process to the finished product.

#### **LEGO Robotics**

Time for us to play with the original building blocks - LEGOS!!! These plastic architectural nuggets come together to create anything you can imagine. Even more exciting is how we will bring them to life! Using the LEGO Mindstorms software, we'll explore the basics of computer programming to see your creations follow your every instruction. Starting out with the basics of structure and movement, and graduating into more complicated routines, you'll be in command of a complex robot by the end of the course.

### **Pod 8: Grades 6-9**

#### **Journalism**

Do you have an eye for detail? Are you interested in everything and everyone in the world around you? Are you consistently in the 'know' and notorious for asking 'why'? If so, then the journalism class is for you! This year we will focus on researching topics that are important to you; whether you want to go out and conduct a series of interviews, write a hard-hitting local or world news investigation, or want to start your own creative writing series, there will be plenty of opportunities to explore what interests you and to see your own work!

#### **Model Making Construction**

In this hands-on course, students will dive into the tools and techniques involved in constructing scale models. Campers will transform their personal vision into a three-dimensional reality. If you are interested in constructing rooms with a cool atmosphere, this is the perfect class for you.

## **Swimming**

In this course, we will work on basic water safety and strengthen our aquatic abilities. We will learn skills like submersion techniques, breath control, gliding, crawl-stroke, kicking while prone or on back, and survival skills like treading water and jumping in with recovery. More advanced swimmers will practice new skills including rhythmic breathing, freestyle, backstroke, underwater swimming, deep water comfort, and diving.

## **Pod 9: Grades 6-9**

### **Backyard Games**

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### **Ceramics: Clay Modeling and Wheel Throwing Class**

For thousands of years, all around the world, potters have been using the wheel to make beautiful pots. In this class, you will get the chance to learn how to do the same! You will get to use the potter's wheel every other day to create cups, bowls, and vases. Everything you make can be used to eat, drink, and serve food. When not on the wheel, you will learn about clay modeling and create unique sculptures using hand-building techniques.

### **Pop Up Card Making**

Have fun exploring the world of Pop Up Cards. How are they made? What's never been tried? Beginning with examples of simple pop up cards, each camper will do a deep-dive into the limitless ways in which one can create amazing pop ups.

## **Pod 10: Grades 6-9**

### **Digital Photography**

This course is designed for its participants to develop their photographic eye by learning techniques to control light, shadows, contrast, aperture, shutter speed and other skills to photograph the things they love about summer. By the end of the course, the participants will each have a collage of images that will represent their time in the sun. We will be learning portraiture, still life, landscape, and photo-journalistic style pictures.

### **DIY Masters**

Dream it. Create it. Clever crafting. Inspired designs. You will make a tote bag, a pillow, design your own stationery, jewelry boxes and so much more. You can also think of ways you might like to decorate your space. In this workshop you will have an opportunity to work on projects with clear and simple directions and to design/create your own projects with the support of the teacher and fellow campers. A wide array of materials will be at your disposal for your creative process. We will also work with some principles of sustainability.

### **Creative Expression: Poetry and Short Stories**

Everyone needs to find creative outlets to express ourselves. In this class we will write short stories and poems to express what we like. We will draw inspiration from other poets, writers, rhyme schemes, and all forms of inspiration. This is the perfect class for anyone who wants to express their creativity.

### **Pod 11: Grades 6-9**

#### **Introduction to Circuits: Wearable Tech, LED Lights, and more!**

Do you like to tinker, explore, solve problems, and work with your hands? In this course we will explore the "Maker" movement and design, prototype and test a variety of projects. Students will get a chance to create circuits, control the functions of LED lights, and explore wearable tech. Students will apply the process of design thinking through their participation in a variety of design challenges. They will work to build understanding about how innovation and creativity of arts drives the fields of science, technology, engineering, and mathematics.

#### **Jazz Band**

Have you ever wondered how musicians make music on the spot?? It's called improvising! You can learn all about it, and how to do it here in Jazz Band! In this class, we will learn repertoire from jazz greats like Miles Davis and Duke Ellington. We will even take some solos! This class is for the 'cool cats'. Drums, piano, and amps are provided. Everyone else must bring their own instrument.

#### **Creative Sports**

In CAP's Creative Sports, we will develop new games using elements of all of the games we love to play. Is there a way to blend volleyball with soccer? Or can we create a whole new game using a football? We seek to create moments of exhilarating competition in a good spirited atmosphere where fair play and fun rule. Let's discover new possibilities together!

### **Pod 12: Grades 6-9**

#### **iBand Beatmaking**

Who thought that putting technology and music together could be so fun? In this class, we will learn how to make Beats using Garageband. We will work individually and as a group learning how to create music using loops, and real instruments on the iPad. By the end of this class, students will know how to program beats, and create original electronic compositions.

#### **Jazz and Hip Hop Dance**

Jazz and Hip Hop go together like...milk and cereal! If you want to groove to some cool vibes, this class is for you. You will be fully immersed into the beautiful history of jazz music and how it influenced hip hop in today's culture. Starting from the Charleston in 1913 to the powerful and exciting world of hip hop dance in the '70s and today, this class will not only inspire and produce great dancers, but you will also have tons of fun doing it! Each class ends with a fun

combination that will leave you energized and feeling hip! So join in and get movin' to the rhythm.

### **Instrumental Covers**

Have you ever wanted to learn a song with no words on your instrument? Maybe video game music like Fortnite or Minecraft themes? Or maybe you heard a song you like in one of your favorite movies like Star Wars or Harry Potter? In this class, we discover the music behind the words of your favorite songs.

## **Pod 13: Grades 6-9**

### **Video Game Design**

Do you love video games? Have you ever wanted to make a video game your own? Well now you can! In Video Game Design we will be exploring how to make RPGs, Platformers, Dungeon Crawlers and everything in between! Using Gamemaker, you will learn the basics of creating a game: making levels, programming movement, creating your own character and finally putting it all together!

### **Backyard Games**

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### **Make a Movie!**

Do you like to take, edit, and share videos? This class introduces the fundamentals of film and video production. Students will engage in hands-on experiences as they learn the basics of filmmaking: pre-production, production, and post-production. They develop skills in planning, organization, script writing, interpersonal communication, team building, and media literacy. We will practice shooting videos, doing sound recordings and sound engineering, and editing using iMovie. Our young producers will work individually, with partners, and in collaborative groups to explore every aspect of video production, from editing, green screens, stop-motion and other filming techniques.