

[LINK](#) to Choice Form, [LINK](#) to Seminar Slides

Teacher(s)

### **Aquaponics**

**Ms. Quenville**

Do you love plants? How about water and fish? Did you know that they can work together to help each other grow and flourish? Aquaponics is a system of aquaculture in which the fish under the water help produce nutrients for the plants to grow above the water. The plants also help to purify the water naturally to keep the water clean for the fish to live and swim. Pretty cool, right?! In this seminar, we will have a visiting senior from Cape Cod Tech teaching us all about Aquaponics and how these two systems work together. We will also design and engineer an Aquaponics system that will live and grow here at CCLCS.

### **Biotechnology Design Challenge**

**Ms. Novak**

Engage in a hands-on, project-based learning experience. We will explore the wonders of the natural world and apply what we learn to create designs that support a healthier planet.

### **Brazilian Jiu Jitsu**

**Daniel Gracie**

Our kids jiu jitsu program is designed to provide children with a safe and engaging environment to learn the fundamentals of this martial art. Jiu jitsu not only teaches self-defense techniques but also promotes discipline, focus, and confidence in young individuals. Through regular training, children develop physical strength, coordination, and flexibility. Additionally, jiu jitsu instills important values such as respect, teamwork, and perseverance. Our program aims to foster a positive and supportive community where kids can grow both mentally and physically.

### **Calligraphy**

**Ms. Greenwood**

Many people have been fascinated by the art of lettering and calligraphy through the ages. Students will learn traditional and nontraditional methods of creating text using India Ink, markers, pens and brushes in this seminar. They will practice calligraphy styles including Roman, Gothic and Chancery Cursive to create works of art that incorporate beautiful lettering for greeting cards, murals and posters. They will learn about the history and development of these alphabets created by skilled artists throughout history and will also be encouraged to create their own unique font styles. Students will be invited to exhibit their work in the community.

### **Chess**

**Mr. Novak**

Play chess, and more -- discuss the long and storied history of chess, including its famous personalities, from the "raised to be genius" Polgar sisters and other women of chess, to Fisher and Kasparov, to the current world champion Magnus Carlsen. We will discuss the role of computers in chess, and how computers have managed to become formidable challengers through algorithmic approaches to piece value and positional value. Students will learn how to use a chess clock, read and record algebraic notation and standard notation, and enjoy chess variants, like the fast-paced multiplayer version of chess called Bughouse. Note: Students MUST create an account on the website <http://lichess.org/signup>. You may be asked to solve a chess puzzle as a CAPTCHA. If you need help signing up, please contact Mr. Novak.

**Camp Songs****Mr. Houghton**

Camp songs are a category of folk and pop music traditionally sung around in circle for entertainment. This seminar is for anyone who likes to play music and sing! Think about songs you would like to share.

**Crochet****Ms. Joseph**

Come learn to crochet! We will learn the basic stitches to create a small project like a scarf. It will be a quiet, fun, crafting group.

**Dungeons and Dragons****Ms. Woelflein/ Mr. Rubenstein**

Do you have a lively and creative imagination that can conjure up an adventure of the mind? If you like to be a part of the story instead of merely reading about worlds of magic, monsters, and adventure, then Dungeons and Dragons is for you! D&D is a storytelling game using dice that the participants role-play to imagine worlds of fantasy and sorcery! We will have two groups of 5 students each to explore adventurous make-believe.

**Game Night****Ms. Anziano**

When was the last time you played Candy Land? Shoots & Ladders? Go Fish? Join this seminar to end your Fridays with a good old-fashioned family game night with your CCLCS "family" of peers! We will play classic favorites like Scattergories and Monopoly, and explore some new collaborative games like Ravine. Games will always be open to suggestion, so if you have a favorite at home, feel free to bring it in to share with the crew!

**Genealogy****Mr. Roberts**

Have you ever wanted to better understand your family's story? Genealogy will help to give you the tools to look into the past and see how your family has become what it is today. Over the course of the seminar, students will learn how to use tools to discover their story and will create a family tree going back at least three generations!

**Ghost Hunters****Mr. Bates**

Mr. Bates is resurrecting from the dead his infamous Ghost Hunters seminar. It has been 20 years since CCLCS students have entered some of the famous haunted Houses on Cape Cod. Eleven brave students will have the opportunity to explore 4 infamous haunted houses on Cape Cod and use a variety of instruments to seek out the paranormal. Students will also be creating the first ever podcast to describe our adventures and discoveries for our student body.

**Great Movie Musical Seminar****Mr. Girardin**

We will view movie musicals and discuss how the genre has made an impact on culture and society. "Singing in The Rain, "1776," ""Westside Story" and more! And of course we always have a lot of popcorn!

**International Film Festival****Mr. Graham-Pye**

Calling all film fans! In this seminar we will watch movies made in other countries. We will look at differences in daily lives and cultures. After each film we will have an art project that is a reflection of some aspect of culture about what we've learned. Sometimes films have subtitles.

**iPhone Photography****Ms. Berner**

For many people the iPhone has become a replacement for carrying a camera, and since it's usually on you, it's the perfect tool for capturing life's moments. In this seminar we will learn basic photography rules, how to set your phone's camera settings for optimal images, as well as some fun tips and tricks for taking great photos. We will also learn how to use editing tools to further enhance our photos, and talk about digital citizenship. Please note this seminar will not be an opportunity to play with your phones but rather learn to use it as a tool, phones will only be handed out when taking pictures. Each week we will learn a different photography rule or style and create a photo album to showcase our work. Students will need to have an iPhone or access to an iPhone to participate in this seminar. Students will also need to download the google photos app onto their phone to submit their photos.

**Marble Machines****Mr. Stewart**

Students in the 'Marble Machines' seminar will design and build a large marble run using large sheets of pegboard and found/recycled materials. After prototyping ramps, loops, funnels, etc, we will attempt to construct a large marble run wall somewhere in the school as a permanent installation. (Maximum: 12 Students)

**Minecraft/ Among Us****Mr. Johnson**

Students use cooperation and teamwork to design, build, and play in their own CCLCS Minecraft world. Find the imposter and fix the ship in Among Us. Both games will help you use your imagination, creativity, and problem solving skills.

**Ocean Microplastics: Tiny Pieces, Big Problem****Ms. Haven & Mr. Crowell**

Do you love Cape Cod's oceans, beaches, and the creatures that live there? Do you wonder how plastics are affecting our shorelines? Come learn how microplastics research is conducted and shared so that we can try it out for ourselves. We will create microplastics collection tool kits, then use them to comb a local beach plot for microplastics. The work done in this seminar will be used to develop a plan for a larger scale research project with a plastics art component at the end.

**School of Rock****Señora Hemeon-McMahon**

When you listen to your favorite form of music, do you pay close attention to the lyrics? You should, because more often than not, there is a lot to learn from them! In "School of Rock," we will be learning about different subjects through music:History, Current Events, Literature, Science, World Languages, Art, and even Math. You name the subject matter, and it can be learned about through music. We will also make a playlist of songs that we will play on the air at WOMR, Cape Cod's community radio station. So come join us in the School of Rock during seminar time. Rock On!

**School Spirit****Ms. Motta**

Do you want to show enthusiasm for your school while having a lot of fun with your friends and teacher? In this seminar we will help decorate the school and celebrate different events that are happening around school. We will help set up and decorate for the Halloween dance and we will also be coordinating candy grams and cookie orders for Thanksgiving. We will also be taking a special field trip to Chatham to check out a community event and reflect on how we can contribute to our own community at CCLCS. Join the school spirit seminar if you want to have fun and get a chance to show off your creative skills.

**Teachers in Training****Ms. Strakele**

If you love working with young children and have dreamed of being an elementary school teacher, this is your chance to gain some experience! Each week, we will go to the Laurel School where you will be assigned a student buddy. Together, you will work on projects, read stories and enjoy some free play. Bring your creativity and your collaborative spirit to this partnership.

**Skating****Ms. Smith & Ms. Booras**

It is reported that more than 3,000 years ago people in Finland sharpened and strapped bones to their feet to navigate walking on ice. And so began ice skating. Today, thousands of people around the world lace up ice skates and take to an ice rink or frozen pond for fun and exercise. This seminar is for anyone who would like to spend their Friday afternoons skating. Because we have the ice to ourselves during this time **there is a \$35 fee per student for this seminar**. No skating experience required, and rental skates are available free of charge! Scholarships are available!

**Water is Life Mural****Ms. Wilkinson**

It is time for a redo! In this seminar, we will be creating a new Water is Life mural. We will be designing and painting a new mural, while incorporating the photos and info of the wells that CCLCS has helped build.