2020-2021 Remote Courses Sample List

Constitutional Kids

What are your rights? Most importantly, how do they apply to your lives as students and children? Come on this whirlwind tour of our Constitution and Bill of Rights. We will have class discussions, activities, and the chance to debate against your fellow classmates, just like you're in the United States Supreme Court!
Play Video!

Cool World 3D

This is your chance to start working in a totally new dimension. Just like the 3D modelers who created Finding Nemo and Shrek we will teach you how to think and work in 3D. Using a program called Tinkercad, and your imagination, you will learn how to build 3d models on the computer. After only a few short tutorials you will start building basic 3D models and will then work your way up to a more complex final project.
* It is highly recommended that students have a computer mouse to use for this class.
Play Video!

Designing Our Tomorrow

Welcome intrepid thinkers, to Designing Our Tomorrow! Every day professional scientists, engineers, and artists are imagining new and exciting ways to design a world that better serves all of its inhabitants. We will be exploring and practicing the engineering design process by taking an international look at everyday inventions that may require more than meets the eye. You have identified yourself as someone who wants to get their creative juices flowing, and are willing to push yourself to explore and experience what it means to be different. You will work collaboratively in this course to tackle challenging problems pertaining to physical and neurological ability, and will ultimately design and prototype an innovative solution. In addition to a basic understanding of design principles, this course aims to develop important life skills. These skills include the ability to assess a task, to design a product, to collaborate with others, to problem solve, to be open to others' ideas, to think critically about our own ideas, and to present one's observations and conclusions clearly.
*Materials needed: graph paper, plain paper, lined paper and a pencil and pen
Play Video!

Draw, Paint, Create

Come create a variety of art pieces with paint, pencils, and more!
Play Video!

Fiction Writing

Do you have a favorite book? Do you wonder how authors create such amazing stories? Do you want to write stories yourself? This might be the class for you. In my fiction class we will learn writing techniques, strategies about plot, characters, settings, dialogue, and how to write a good ending. You will get feedback from me and will be able to share your writing with other classmates.
Play Video!

Flight!
Let's look at flight by exploring the historical and scientific origination of the ideas and principles that explain flight. We'll experiment with different at home applications of flight- paper airplanes, parachutes and gliders- and try out our models to compete and compare performance. We'll discuss the evolutionary future of flight and the concepts around space flight. This course is best suited for those with a passion for learning about flight, enjoy working with their hands, and also are interested in the future.
Materials needed: Scotch Tape, 8.5"*11" sheets of paper (preferably printer paper), small notebook / pieces of paper to write on,
Optional materials: small paper clips, plastic bag, string , tape measure / yardstick / ruler (tape measure preferred)
Play Video!

Great Ocean Wonders
Discover the biggest, smallest, weirdest, most dangerous, and coolest creatures in our Blue World. Even though our ocean covers nearly 70% of our globe, and 97% of our Earth's water is in the ocean, we have explored less than 5% of its biome. We will investigate all areas of our ocean using current dive and ocean experimental simulations, screencasts of deep sea and shallow water dives and ROV and HOV submarine coral reef and kelp forest explorations. We will also check out marine live webcams around the globe and we will use Google Earth ocean exploration tools to view the magnificent ocean environment. Join us on this spectacular virtual visit to Planet Ocean.
Play Video!

Leadership Adventure
Develop your collaboration and strategy skills in order to survive a Zombie Apocolypse crisis!
Play Video!

Let's Get Moving!
Jump into this class to really get things moving. We will do aerobic and strength exercises. Grab some water and Let's Get Moving!
Play Video!

Lights, Camera, Action!
In this fun course, we will be looking at how to take a monologue or a scene from a show and make interesting character choices using our voice and our body. We will help build your confidence so that you are ready for your next show or audition!
**Printer recommended, but students may also edit on Google Docs/Word.
Play Video!

Make Your Own City
In this online class, we will use paper and pixels to build a city together!
**Printer recommended. Instructions will be available if there is no access to printer. Paper & pencil/pen required.
Play Video!

Masterpieces
Acropolis? Borobudur? Carlsbad Caverns? Besides being in alphabetical order, what do you know about these places? Travel around the world and discover the 1744 amazing sites of the UNESCO World Heritage Organization. Take virtual tours and discover their wonders and mysteries. We'll have lively discussions as we nominate your favorite sites!
Play Video!

Mystery Class
45 minutes of the unknown. Strange illusions, mysterious codes, and more. Find out what is inside a mysterious box, this summer!
Play Video!

Photo Fun
Do you ever wonder how photographers do it? How do they take such great pictures? In this class we will learn the basic rules of composition, design and portraiture that will help you make better pictures. Using digital technology i.e. cell phones, and darkroom technology i.e. cyanotypes or "sun prints," we will explore the wonders and magic of photography. Cyanotype paper will be mailed to you.
*It is highly recommended that you have a cell phone or Ipad available to take pictures.
Play Video!

Science From the Bin
Do you ever look at your recycle bin and think, "I could really make some cool things before that goes out to the curb"? If you are burning with ideas and want to explore things to make with simple tools around the house, come and join this course. You will probably amaze yourself with all your personal creativity!
Play Video!