**Session I - AM Classes**

**Dystopian Short Stories**
If you enjoy reading, discussing, writing about, and creating Dystopian stories, this for-credit class is for you! Join us and immerse yourself in this genre by reading short stories written by authors such as Ursula K. LeGuin, Margaret Atwood, Sofia Samatar, Kurt Vonnegut, Genevieve Valentine, Cat Rambo, and more! Read about fictional post-apocalyptic futures, plagues, environmental disasters, or technology run amok and discuss questions such as, how do dystopias shape our understanding of culture and society? How do they respond to, challenge, perpetuate, and /or shape particular social, political, and cultural events in America and abroad? Then, get your creative mind going and write your own dystopian short story! Sign up for this profound and thought-provoking class today!

**Stats in Our World**
As Marcus Tillius Cicero stated, probability is the very guide of life. With that in mind, join your tour guide, Sam, as she takes you on an adventure to the world of estimation probability and data analysis! Take a trip down probability lane and simulate trials to make informed decisions! Visit websites such as datausa.org and census.gov to explore various data points collected in your hometown and state, and discuss similarities, differences, and discoveries you have made along the way. Have fun and earn math credit by exploring the world of statistics and running trials using common items such as dice, cards, small different colored cubes, or bingo chips. You will need your computer as you create and conduct a survey of your own! Don't wait! Get your ticket for this fantastic statistics world tour today!
Discover Your Inner Artist!
Calling all craft and art enthusiasts! Join us and engage in the art-making process by letting your inner artist loose! Explore what it means to express yourself through art while creating fun and original projects. Accompany Sarah as she presents a daily workshop where you will discover a variety of art materials and express your artistry by using different media through drawing, painting, collaging, and weaving. We guarantee that your inner artist will find the perfect outlet!

Furniture Refinishing
Do you enjoy bringing new life to old or forgotten items? Then come and join us as we work to design a new look for an older piece of furniture! Find a small dresser, bookcase, nightstand, or another similar item of your choice and get ready to create a masterpiece to show and use at home proudly! Grab a palm sander, different grits of sandpaper, a quart of paint, and a 1 or 2” chisel tip paintbrush to get started on creating something new in your clean, ventilated workspace with access to wifi.
Photography: Analog vs. Digital
You will be encouraged to look at and talk about photographic images. What is seen. What is gained. What is felt. What is experienced. Learn the basic concepts and techniques behind constructing a compelling photograph such as composition, negative space, and one-point perspective. Explore and understand the differences between analog and digital photographic technologies, practices, and aesthetics. This class will conclude with each student producing two photo series, one with digital images and the other with analog images, which will be exhibited in an online gallery. Franklin Academy is delighted that our resident photographer and award-winning filmmaker, Josh Weissbach, is teaching this course. He is excited to bring his passion for photography to the Franklin Summer Program, and he can’t wait to share it with you!

Navigation By The Stars
Have you ever wondered how sailors throughout history found their way home without modern devices? What tricks and methods did they use before the invention of GPS? What tools did they fabricate and utilize to keep from getting lost? Join Roberto and Tristen, legends themselves, to get the answers to these questions. Using only the stars and some simple tools, students will learn to navigate the same way these explorers did! Topics will include navigational tools, celestial mechanics, maps, star charts and tables, and constellations. Students will learn the similarities in the science behind modern gizmos like sonar and GPS and the ancient methods successfully used by so many. Utilizing their newfound navigational skills, students will chart a course between two mystery locations across the globe.
Musical Theater
Interested in TheArts? Calling all singers, dancers, actors, stagecraft folks, and others! Join us for a fun-filled, fast-moving, terrific theater experience. Seasoned pro or interested novice, there will be something for everyone. Our very own thespian, Brianna, will team up with professional theater educators from Goodspeed Musicals to provide students with a memorable musical theater experience! Students will create and perform a show, gaining skills in narrative structure and character building. While learning lines, blocking, and rehearsing songs, actors will explore their own voices. Find your inner performer and be a part of the show!

The Summer Artist Studio
Are you a digital artist? A painter? A photographer? Do you love to draw? Do you enjoy the creative process in another medium? Are you ready to develop a portfolio in your area of interest? Well, then this class is for you! Skills taught in this class will include, but are not limited to, the integration of light, creation of volume, use of textures and depth of space, as well as traditional and experimental techniques to manipulate mediums—all through the lens of the elements and principles of design. You should like working independently outside of class time! So come create a portfolio that showcases your skills and enjoy the creative process with like-minded peers!
Session II - AM Classes

Microbiology
Bacteria, viruses, fungi, oh my! This Microbiology class is headed straight for the center! The center of the cell, that is. In this class, students will be introduced to the basic principles of microbiology, examine how tiny microbes function and how they interact with our planet. Students will also be analyzing the influence of microbiology in today’s world and the ever changing challenges and opportunities biologists and chemists are experiencing in the 21st century.

Let’s Cook!
In this hands-on class, students will develop a new sense of culinary confidence in their own homes! This class will introduce basic cooking techniques and give students the opportunity to cook a variety of simple, yet delicious, dishes! Students will learn basic kitchen skills like measuring, reading recipes, knife skills, practicing food safety, and other cooking techniques. Students will be provided with a cookbook and have the opportunity to choose recipes and create a menu for the class! Watch out MasterChef, we’ve got home cooks on the horizon!
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Learn to Sew!
Are you still missing a button on your favorite jacket? Do you want to jazz up a pair of old jeans? In this sewing course, students will be practicing various sewing skills, from basic stitching, to affixing buttons and embroidery. Throughout this course students will also learn how to use a sewing machine and create their very own protective face masks, tote bags, stationary pouch and more! Students interested in this class must have access to a functioning sewing machine, iron and ironing board. Grab a needle and thread and let’s sew!
**Build It!**
Could your room use a little help in the “tidying up” category? Do you have a family of birds chirping outside your window that need a new home? By joining this extremely hands-on class, you will have the opportunity to build everything from a coat rack and a bird house, to cutting boards and rope coil baskets! But why stop there? This class also includes model building and even solving mechanical puzzles for all levels! In this class, students will be using basic tools such as a hammer, screwdriver, and a paintbrush. So what are you waiting for... let's get building!

**Film**
This fantastic summer offering is taught by award-winning, talented filmmaker, Josh Weissbach, M.F.A., who has exhibited his films both domestically and internationally. This film class is open to students who are interested in the art of cinema production, including those with experience or those who are novices and just curious. Everyone will be encouraged to develop their artistic talents through this multifaceted medium – having fun along the way! Students will gain skills in pre-production script construction and storyboards, cinematography using a combination of cameras, and non-linear editing with Adobe Premiere. The Franklin Film Festival will showcase all completed projects at the conclusion of the session! Lights, camera, action...
The Summer Artist Studio
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Martial Arts
This class is taught using the training and practice of Tang Soo Do, a Korean martial art that emphasizes the key values of CONFIDENCE, CHARACTER, STRENGTH, DISCIPLINE, and BALANCE. Students train in traditional martial arts encompassing the refinement of the following techniques: low block, high block, reserve punch, middle block, front kick, side kick, roundhouse kick, side kick. Additionally, students will learn the history of Tang Soo Do and other martial arts through independent research and cinema, including: The 36th Chamber, Ip man, Enter the Dragon, Kung Fu Hustle, and Fist of Fury. Students with varying skill levels and experience are welcome to participate.

The Baker’s Scoop
Comfort food, yum! From following a recipe to sharing the delicious results, students will learn the ins and outs of baking! The class will cover basic kitchen terminology and the use of essential equipment. We will also incorporate measuring, mixing, and practicing food safety. Students will bake treats like cookies, cakes, fruit desserts, and sweetbreads! (Anyone else getting hungry?) Students will have the opportunity to choose a baking project from a cookbook provided by the school. The best part? Trying all the homemade treats at the end!
**Survivor: Primative Skills**

Is constantly applying your technology skills in this new world of online learning getting old fast? Do you need to unplug from your screen, Zoom and Meet, give your email a rest, and try something new? If you find yourself wanting to bring it back to basics, then this primitive skill class is for you. While class sessions will be virtual, the activities and skills you will be participating in are very real! You will learn everything you need to know in order to survive without your screen. Water purification, foraging and plant identification, fire starting using a bow drill, tracking, creating shelters, and making your own fishing line are just a few of the skills taught. Up to half of each session will require students to be outside, either independently or with teacher guidance remotely. Give yourself and your tech a break and get ready to enjoy some time outdoors!

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**Introduction to Robotics & Coding**

In this class, we will learn the essential building blocks of coding and how to use those skills to effectively code a robot. We will begin by building our Makeblock robots and learning basic coding procedures and commands. From there, the sky’s the limit. We will complete daily challenge tasks to show our continued mastery of coding...and for bragging rights on who has the best robot! Prior coding experience is not needed but welcomed.
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**Cooking Around the World**

Grab your apron and your passport, because we are taking a one-way trip to flavor town! From the comfort of your own kitchen, students will be cooking a wide variety of cuisines, including Indo-Chinese, Pakistani and Indian curries, and Middle Eastern delicacies! There will even be a pit stop in England and Italy! Students will also learn how to recreate popular snacks from different countries, how to decorate and serve dishes, and how to set dishes for formal events. Your taste buds won’t want to miss this!
**The Casebook of Sherlock Holmes**

Do you ever wonder how the police solve crimes? What does it mean to be a detective? How does one use clues to arrive at a sound conclusion? In this class, we will attempt to answer these questions and more through the exploration of the world of famed detective Sherlock Holmes and his crime-solving associate Dr. John Watson. Using the original writings of author Sir Arthur Conan Doyle as a guide, we will study the science of deduction and solve crimes through the eyes of Holmes and Watson. A healthy dose of persistence and curiosity are the keys to success as a detective, so do you have what it takes? The stage is set. The curtain rises. The game is afoot.

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**T-shirt Art and More!**

Are you looking for a creative outlet this summer? Would you like to get your hands moving on something besides computer keys? Maybe your room needs a facelift, or it is time for a new rug. Whether you are crafty, artsy, or just want to explore your “yet to be discovered” inner talents, this class is for you. Together, we will explore a variety of unique ways to use all those t-shirts that are clogging up drawers and closets. Participants will have the opportunity to create wall hangings, make a bed for your furry pet or a floor pillow for yourself, create an amazing tie-dye or reverse-dye shirt, design and create toss pillows, and make a small rag rug. This class is for anyone and everyone — no prior experience necessary and students don't need to be artistic to enjoy this class. The only requirement is that you come with a willingness to get involved, give new things a try, and be ready to have some fun!
College Transition
College-bound but not quite ready? Interested in what college will be like? Want to find out how to make college work for you?

Spend two weeks with Jen, and Josh, knowledgeable professionals in supporting students who may need help navigating college life! Students will explore college life while becoming familiar with supports and resources available.

This class is suited for rising seniors and students who have recently graduated from high school. Students will engage in seminars on topics such as accommodations on a college campus, financial literacy, social cognition, emotional regulation, executive functioning, choosing a major, and the importance of finding a peer group. You will learn about college resources and how and why to access them, for example, the office of financial aid, student services, the library, and the registrar’s office.

Each student will create a presentation on one aspect of college living that they will present to the class and their family at the conclusion of the session.