

Class	Description
Family and Consumer Science	Do you know how far your food travels? What does it mean to follow the myplate recommendations? How much fat is in the food you eat? Is it time to rethink your drink? Sign up to learn the answers to these questions and more! Classroom activities and fun interactive food labs will include safe food preparation, basic cooking skills, food science, healthy living and consumerism.
Media Studies	Do you have an interest in telling audio or video stories? Come listen to and watch a range of interesting podcasts and videos. Then, learn how to use audio and video editing software to create your own material. Come ready to stretch your listening and viewing abilities. In addition be ready to make storytelling digital content that others will want to experience. Willingness to share your thoughts about what we hear/view and an interest in learning new skills will be expected.
Dance	Dance will focus on technique and choreography in areas such as ballet, contemporary/lyrical, modern, tap, jazz, musical theatre and hip hop. Each trimester we will focus on two of these styles. Students will also have the chance to create their own choreography. The trimester will conclude with a final performance. This class is recommended for beginner/intermediate students. No prior experience is needed.
World Language	We will explore 3 different languages and their cultures, using Middlebury Interactive Languages online. We will sample the languages while learning about the cultures through food, music, literature, and media Languages offered will be French, Spanish, and German. All are taught at BFA, so it will give you a good head start on high school!
Experimental Drawing and Painting Studio	Do you want to develop your creative skills? Do you love to create, paint or draw in your sketchbook? This class will incorporate all the elements of two dimensional artistic work including drawing, painting, collage, printmaking, and design to strengthen your creativity skills. Students in this class will experiment with his or her own artistic style and find new methods for design through traditional and experimental art techniques. This will only be offered in the spring trimester. All levels of artists welcome!
3D Art	This will be a trimester full of projects which will focus on the Elements and Principles of Design to create artistic forms. You will be using a variety of materials including clay, papier mache, plaster and other art media to make masterpieces in 3D. This studio class will be choice-based which means student directed.
The Painted Literary Library Chair	This class will be centered around painting a library chair with a literary theme. The chair will remain in the library for years to come! Paint a chair and leave your legacy behind!

Wearable Art and E-Textiles	This class will be offered the first trimester in the fall centered around the Maker Movement. Students can create projects that can involve circuitry, soldering and fabric art. You can learn some introductory sewing skills, learn to design and make jewelry using the laser cutter and 3-d printer. You can also learn to incorporate LEDs into clothing and fabric! This studio class will be choice-based which means student directed.
Art Through Empathy, Compassion and Kindness	This class will be focused on creating art projects that will help spread kindness throughout the school and community. Some ideas may include: creating bowls out of clay for Martha's Kitchen, sewing felt mice to be donated to the Humane Society, creating a mural that will involve the entire school, creating cards to be sent to soldiers, and any other ideas students may come up with.
Minecraft	Do you enjoy Minecraft? Do you want to learn to play minecraft? Come join the class all about minecraft. There will be challenges and achievements that will be assigned to be completed. Use your creativity and resourcefulness to meet the challenges and take minecraft to a new level for you. No experience necessary
Robotics, Coding, and Day of Code Event Planning	During this class you will learn the basics of how to use and code our school's various robots. You will also gain the skills to code a special device called a makey makey. After learning all of these skills you will help design our Day of Code in December. You will help organize this day by creating activities for students and teachers to do independently in the classroom, designing activities for students throughout the building, help bring outside presenters into the building
Board Game Creation	Do you want to make the next monopoly? Join us to study classic board game and conceptualize/create your own board game. You will use tools in the makerspace and STEAM classroom, such as laser cutter, 3D printer, and vinyl cutter to make your board game come to life!
Astronomy	During this class, students will be introduced to how to use binoculars and telescopes to observe stars, planets, and galaxies. Telescopes and guides will be able to be borrowed to bring home. Several nights will be chosen for class observation.
Rocketry	Students will be building air powered rockets and build their own solid fuel rockets, which will be launched with 3 or more rocket engines
Lifetime Sports while using Heart Rate Monitors	We will be playing a variety of lifetime sports, such as volleyball, soccer, broomball, all while wearing heart rate monitors. The heart rate monitors will serve as a way to make students aware of which cardiovascular zone they are in and how it relates to overall health and fitness.
Beginning Violin	Students will be provided a violin and book, and will learn the basics of reading and playing. Students will be allowed to bring instruments home, and to participate in the orchestra if they wish, at the end of the class.

