

## Middle School Elective Courses 2019-20

### **The Arts:**

**Printmaking** (*Trimester 1*) - Ms. Lamb and Mrs. Murray - This course introduces students to the contemporary term “Print Media.” A variety of printmaking techniques will be utilized such as monoprints, block printing, image transfers and screen printing. Class activities are project-based and give students an opportunity to practice art fundamentals while learning technical skills in printmaking.

**Glee** (*Trimester 2*) - Mrs. Onofrey and Mrs. Kendall - This course is a performance-based class where students will have fun singing many different types of music. We will incorporate choreography and props into our performances and have the chance to perform both on and off campus.

**Ceramics** (*Trimester 3*) - Ms. Lamb and Mrs. Murray - This course introduces ceramics as an art form and explores the basics of forming and shaping clay using various methods. Students will have the opportunity to learn about different glazing/decorating techniques, firing the clay, and how to safely use the kiln. Students will also take an in-depth look at the history behind ceramics.

### **Business Explorations:**

**Business Explorations** (*Trimesters 1, 2, and 3*) - Mrs. DeBoer - Business Explorations is designed to introduce students to the world of business. During the course, students will discover the step-by-step process of starting and running a business. They will create a business plan project which will include all operations of running the GPA School Store, including beginning accounting principles, marketing, and management. The course will also include investment and personal finance instruction and project.

### **Technology Education:**

**Tech Ed** (*Trimesters 1, 2, and 3*) - Mr. Clor (all Trimesters) and Mrs. Black (T3) - This course is designed to teach students real world technological applications. Students will also create the program, Academy News, discovering the process of filming, editing, and finalizing a video production which will highlight GPA current events.

### **Life Skills:**

**Farm to Table** (*Trimester 1*) - Ms. Sasha and Mrs. Anderson - Students will utilize the GPA Garden Classroom, as well as local organic markets, to prepare a wide variety of nutritious foods made from scratch. All steps of the cooking process will be taught in this course.

***Foods and Nutrition (Trimester 2)*** - Ms. Sasha and Mrs. Anderson - Foods and Nutrition is a course which will focus on creating healthy food options. Students will plan an organic garden, demonstrate consumer skills, and discover the effects of making healthy food choices. The course will also focus on multicultural cuisines.

***Farm to Table (Trimester 3)*** - Ms. Sasha and Mrs. Anderson - Students will utilize the GPA Garden Classroom, as well as local organic markets, to prepare a wide variety of nutritious foods made from scratch. All steps of the cooking process will be taught in this course.

### **Coding and Robotics:**

***Coding (Trimester 1)*** - Mr. Rochte - Students will learn the fundamental concepts of computer science and programming. They will explore different programming languages, code a simple app, and learn the basics of web site development using HTML and CSS.

***Robotics (Trimester 2)*** - Mr. Rochte - Students will learn basic engineering principles and teamwork as they work together in small groups to design, build, program, and test robots. Each team will create a robot capable of completing a particular task or objective, and the class will culminate with an exhibition and competition.

***Coding (Trimester 3)*** - Mr. Rochte - Students will learn the fundamental concepts of computer science and programming. They will explore different programming languages, code a simple app, and learn the basics of web site development using HTML and CSS.

### **Exploration:**

***Photography/Yearbook (Trimester 1 and 2)*** - Ms. Black and Mrs. Forster - Through various lenses and perspectives, students will explore the school community and beautiful campus. They will edit the images they shoot using various apps and graphic design tools. These images will contribute to the school yearbook, social media pages, and end of the year slideshow in addition to developing individual works of art, graphic designs, and photography projects.

***Fashion and Fabrics (Trimester 3)*** - Mrs. Martin - Fashion and Fabrics is designed to teach students beginning sewing skills, including hand and machine sewing. Students will choose and create a fashion project as a culminating experience in this course.