

# Full Year Electives for Current 6<sup>th</sup> Graders (Incoming 7<sup>th</sup> Graders)

## Foreign Languages



### FRENCH 1A

Would you like to learn to speak French and explore the culture of French-speaking countries? French 1A will start you on that journey. This course is most appropriate for students who have little experience in the French language, not those who already have a working knowledge of spoken French. This course uses the same beginning text and materials as Los Altos High School, Bien Dit!. In addition to the text book, you will be able to take advantage of rich online technology support to enhance your ability to practice the language. Emphasis is placed on oral expression and comprehension of basic language skills one would need to travel to a French speaking country. After taking French 1A, why not continue with Fr 1B so that you can deepen your knowledge, improve your proficiency and earn a year of language credit in high school? Students who successfully complete 2 years of French at Egan may take French 2 in high school. Students with prior French experience may inquire with the teacher to determine the best language placement at Egan.



### MANDARIN 1A

Would you like to learn to speak, read, and write in Mandarin Chinese, the official language of China and Taiwan? Would you like to explore the culture and lifestyles of China/Taiwan? Mandarin 1A will start you on that journey. You will develop a basic mastery of the four language skills: speaking, listening, reading, and writing, and be able to use formulaic language to engage in conversations and appropriate responses in a culturally authentic way. You will be learning pinyin, radicals, word usages, sentence patterns, basic dialogues and short sentences on various topics such as self-introduction, greetings, nationality, family members, colors, body parts, times and dates, and daily routines.



### SPANISH 1A

Our curriculum follows closely that of Los Altos/Mountain View High School's first year Spanish program. We use the textbook Descubre Level 1 - Vista Higher Learnings. When you complete both Spanish 1A and 1B here at Egan, you will transition easily to Spanish 2 at the high school level. There is an online component to this textbook. In addition to the textbook, supplementary materials such as leveled readers, videos, games, and songs are used. This is a beginning language course for students with little or no Spanish background.

Students complete the first half of the textbook. Students begin each lesson with thematic vocabulary and structured practice which then leads to open-ended communication. Each chapter uses a theme as a basis for grammar, conversation, and writing. Students are also introduced to geography and cultures of Spanish-speaking peoples. The themes include greeting people, describing people, describing school, family, home and pastimes. Students learn the present tense and expressions for effective oral and written communications.



### **BAND**

If you already have some knowledge of playing a wind, brass, or percussion instrument, Band is the class for you to continue to expand your music skills. You will make music in a group with others and learn more about notes, rhythm, theory, and music in general. We will use technique books and increasingly complex band music throughout the year. Many concerts will be given throughout the school year, both formal concerts in the evenings for the community, and casual concerts during the school day. An optional Disneyland trip is available in the Spring.



### **ORCHESTRA**

If you already have some knowledge of playing violin, viola, cello, or bass, Orchestra is the class for you to continue to expand your music skills. You will make music in a group with others and learn more about notes, rhythm, theory, and music in general. We will use technique books and increasingly complex orchestra music throughout the year. Many concerts will be given throughout the school year, both formal concerts in the evenings for the community, and casual concerts during the school day. An optional Disneyland trip is available in the Spring.



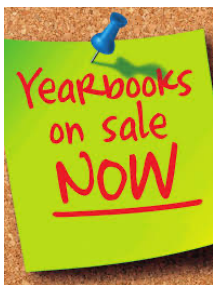
### **CHORUS**

Do you like to sing? In Chorus you will sing songs in two- three- and four-part harmony in multiple languages and become literate in the language of music (notes, rhythm, dynamics, etc.). You will also learn and develop healthy breathing and vocal techniques. Song selections are from the Renaissance era to the present. Solos are available by audition, and your input can help select some of the songs we perform. Chorus emphasizes teamwork, self-discipline, cooperation, and building self-confidence through performance.

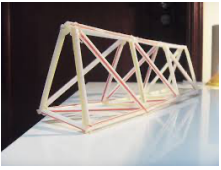
You will perform in several music concerts throughout the school year including formal concerts in the evenings for the community, casual concerts during the school day, Honor Choirs (selected students), A Cappella group (meets separately, by audition only) and choir festivals. An optional Disneyland trip is available in the Spring.

### **YEARBOOK PRODUCTION/PHOTOGRAPHY**

Be part of the Yearbook Production team! This important team is responsible for capturing memorable moments of Egan student life, culture, spirit, and all the celebrations big and small that occur on campus throughout the school year. You will gain knowledge and experience in photography, graphic design and layout, copywriting, and project management. You will be directly responsible for creating assigned yearbook pages! Additionally, throughout the year, you will be practicing these skills while building your own portfolio of photos for your own creative project(s)! Whether you want to create your own personal yearbook documenting your own life, or an obsessive photo collection of your dog, project ideas are limitless with all the creative freedom you could ask for! If you enjoy being creative, working independently while being part of a team and take pride in your work, we need you on this yearbook team!



## Semester Electives



### APPLIED DESIGN and MAKER SPACE

At the Applied Design Makerspace, students employ the Design Thinking process to craft prototypes and models for diverse design tasks. This innovative hub facilitates hands-on exploration, encouraging students to design, experiment, and invent using an assortment of tools and technologies. By embracing multidisciplinary approaches and creating varied products, students are empowered to foster engagement and spur innovation.

### ARCHITECTURE and INTERIOR DESIGN

Do you ever wish that you can change your room/house into a space ship? Or maybe a magical space where the fairy would like to visit? This creative class is designed for the aspiring young Architects/Interior Designers. In this class, you will learn many aspects of interior design and Architecture from your house, landscape to a skyscraper. You will learn how to illustrate your design, build scaled models, furniture design, and even get to design your own café/restaurant! Projects include: home design, garden design, building design, restaurant design and furniture design. You will also learn the history of the modern architecture and its influence on society today. Previous art/design experience is helpful but not necessary, come join me and learning this fun and creative class.



### ART

Art is a fun filled semester elective for both seventh and eighth graders. You will have the opportunity to create art using a variety of media and techniques. You will understand and use the principles of design and elements of art. You will develop a sketchbook of your art, marking your evolution as an artist. Projects include 2D drawing and painting, 3D ceramic, wire sculpture and papier Mache project.



### BROADCAST JOURNALISM

The focus of Broadcast Journalism is to produce the VKNG News, Egan's daily video announcements. The majority of class time each day will be spent creating and filming the VKNG News. In order to accomplish this, we will cover the basics of video production, journalistic writing and web production. Students will become comfortable working behind and in front of the camera.



### CHORUS (FIRST SEMESTER ONLY)

Do you like to sing? In Chorus you will sing songs in two- three- and four-part harmony in multiple languages and become literate in the language of music (notes, rhythm, dynamics, etc.). You will also learn and develop healthy breathing and vocal techniques. Song selections are from the Renaissance era to the present. Solos are available by audition, and your input can help select some of the songs we perform. Chorus emphasizes teamwork, self-discipline, cooperation, and building self-confidence through performance.

You will perform in music concerts during the semester including formal concerts in the evenings for the community and casual concerts during the school day.

### COMPUTER SCIENCE

Do you like to create animations, websites, games and apps? This fun hands-on class is designed to help you learn computer science skills so you can express your creativity and solve problems with digital tools. Using the programming language Python, you will get a deeper understanding of how computers work, study algorithms and data structures and learn to design and code your own project. The course is open to all levels of previous experience and it will prepare you for all types of future computer science classes and coding projects.



## DIGITAL ART and MEDIA

In Digital Art and Media, students will learn how to use Adobe Photoshop to generate graphics and modify images in various digital art projects. They will practice rotoscoping to create detailed replicas of images as well as learn color keying to edit greenscreen photos. Students will also learn how to export their digital art creations into different formats to then use for their Adobe Premiere Pro video projects. In Adobe Premiere Pro, students will learn how to create videos, montages, animations, shorts and more!



## GAMES, APPS and MORE

Do you want to learn how to design and code your own app to solve a problem? Do you want to make your own game? Do you want to use code to bring your makerspace projects to life? This fun coding class teaches you different tools to create apps, games and other projects. You will learn about design and build and extend your coding skills. Based on interest and time, we will use a few of the following-Apps lab/ App Inventor/ Games Lab / Snap / Scratch / JavaScript/ Twine/ Arduino and micro:bit. You will end the semester working on a project of your choice on a tool of your choice either individually or as a team. There will be NO homework for this elective. Course open to ALL levels of previous coding experience. This course can be taken before or after the Computer Science elective.

## GREEN THUMB ECOLOGY

Green Thumb Ecology is a course for those who care about the environment, the future of our planet, and like to get their hands a little dirty! This class will educate you with both knowledge and experience in how to make a positive impact in perhaps small but meaningful ways! Become an environmental activist! Learn about the science and purpose behind sustainability methods that are being implemented and invented in our world today. These methods help reduce the impact of humans on major environmental issues such as pollution and deforestation. This interaction between humans and the environment is a form of ecology! As a like-minded team, we will design, develop, and execute hands-on projects to promote sustainable practices on campus that help students and teachers alike be more eco-friendly. Additionally, you will have the exclusive opportunity to be a gardener in our Egan Garden, learning how to tend to native plants and garden beds. Join us!



## GUITAR - BEGINNING (Semester 1)

Are you interested in learning to play the guitar? This class is for students beginning to learn to play the guitar. It is a class where students will learn chords, tuning, how to read music, how to find notes on the fretboard, and how to play with other guitarists in an ensemble. Open to beginners, as well as more experienced players interested in learning the above. You will need an acoustic guitar each day in class.

## GUITAR - INTERMEDIATE (Semester 2)

If you already play the guitar and know how to do the skills listed in the Beginning Guitar Class, you'll want to take this class to continue your learning. Students will expand their skills by learning barre chords, major scales, how to read tablature, basic improvisation, and power chords. Open to intermediate players, as well as more experienced players interested in learning the above. You will need an acoustic guitar each day in class

## LEADERSHIP

Leadership is a crazy-fun class for those who have a desire to provide service to the school and community. It requires time and energy to develop projects to improve school atmosphere and to explore your leadership potential. You must have a desire to make a positive difference and the ability to solve problems creatively. As we organize dances, spirit days, lunch activities, school-wide recycling, food and toy drives, and similar events, you will learn lessons about the attributes of a leader in practice. If you are willing to work hard, AND you can get along with a variety of people, then Leadership IS FOR YOU!!





## **PHOTOGRAPHY**

Photography is a skill that everyone uses, whether it is for a picture frame, a photo album, or an Instagram post. Have you ever seen an interesting or intriguing photo and wondered how the photographer captured the moment? This is why we have photography at Egan. The class is geared toward anyone who wants to learn the art of digital photography and discover the realm of picture taking. Students will focus on composition and “the exposure triangle,” which includes aperture, shutter speed, and ISO. Fun activities such as hot chocolate day, field trips, Xbox parties, and more are incorporated into the curriculum. Classroom competitions are held occasionally where students enter their photos to be critiqued and compared before the teacher chooses the ultimate photo. Independent projects will allow students to pick their favorite aspect of photography and practice it. By the end of the class, students will know how to adjust the settings on the camera for different situations. Egan’s digital photography class will allow students to acquire photography skills that will be useful for the rest of their lives.



## **ROBOTICS and DRONES**

In Robotics and Drones, students will use the Lego Ev3 Mindstorms robot to engineer and build robots to complete and compete in various project-based learning challenges. During these challenges they will also learn about batteries, electricity and projectile motion. The Mindstorms programming language the students will use to program their robot is a block language similar to Scratch. Students will also build and program drones to learn about remote controlled (RC) robots and electronics. They will learn how to program the drones autonomously as well as remote control them. Students will learn about the basic physics and principles of how drones fly as well as how wireless communication works.

## **STRENGTH and CONDITIONING**

Are you interested in getting faster, stronger, and better prepared for whatever sport you play? Then the strength and conditioning class is for you! You will learn about the muscles that are used in different exercises and how to make them stronger. You will work on developing a personalized exercise routine that is specific to your individual needs, whether it be for improving sport performance or for improving general health and fitness. This class will consist of one day a week for cardiovascular conditioning (wind sprints, jogging, jump rope, etc.) with the focus of the other days being on building muscular strength and muscular endurance through resistance training (lifting weights, body weight resistance, suspension training, etc.). Everyone is welcome in this class!