

FALL 2022

ENRICHMENT PROGRAM GUIDE



**BASIS
INDEPENDENT™
SILICON VALLEY**

ENRICHMENT PROGRAM GUIDE

Fall 2022

INTRODUCTION

This guide serves as an overview for the fall enrichment programs offered by BASIS Independent Silicon Valley. Registrations for the Fall 2022 enrichment programs begin July 18, 2022. Most enrichment and athletic programs will be offered in-person. There are a few activities scheduled for online meetings. In lieu of our Enrichment Faire Night, many of our offered programs indicate an option to view their informational video. Names of activities are listed under “Athletics Offerings & Descriptions” page 4, “Enrichment Offerings & Descriptions” page 6, as well as within the guide where descriptions for each activity are stated.

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GUIDE OVERVIEW

Please join us this fall for athletic, recreational, and academic enrichment programs. The Fall Guide will provide the general descriptions of the programs offered at BASIS Independent Silicon Valley, as well as the dates, times, locations, contact information for each program’s organizer/advisor, and the instructions for registering.

Enrichment Formation

We ask that students and families keep in mind that all enrichment activities offered through BASIS Independent Silicon Valley are subject to change based on participation rate.

Extracurricular Program Duration

- All enrichment and athletic programs begin the week of August 22, 2022, unless otherwise noted under the activity description.
- All annual enrichment programs end the week of April 25, 2022, unless otherwise noted under the activity description.
- All athletic programs in the Fall 2022 Guide are seasonal with final practice/meeting dates noted in the guide.
- Activities will not meet during break and holidays, nor on 4:00 PM closure and early dismissal days. Additionally, activities occurring on testing days will be held at the discretion of the advisors and coaches. (See school calendar at the end of this packet.)

Questions

For any questions regarding specific program details, please email the Activity Organizer/Advisor listed under the activity description. Please email questions regarding sign-up procedures and forms to the Auxiliary Department at svauxiliary@basisindependent.com.



REQUIREMENTS, DEADLINES, & DETAILS

IMPORTANT NOTE: Failure to submit all required forms does not release a BASIS Independent Silicon Valley student for financial responsibility nor entitles you to a prorated fee for missed days of activity.

REGISTRATION PROCESS

August 14, 2022

All students wanting to participate in any club and/or Fall athletic program must enroll online. Online registration for fall activities is available on [ACTIVE.com](https://www.active.com). We strongly suggest that enrollment be completed by July 31, 2022. After July 31, 2022, you may still register for fall activities, however, you may experience a higher chance of getting wait-listed for your desired activities. After August 14, 2022 activities with low enrollment may also be subject to cancellation.

NOTE: Competitive sports have different try-out dates. Those who make the teams will be invited to enroll online during assigned time windows (more information will be provided once your placement on the team has been confirmed), and the suggested August 14, 2022 deadline does not apply. For clubs with a required interview, assessment, or audition, those who are invited to join these clubs will receive specific directions to enroll online during assigned time windows (more information will be provided once your membership in the club has been approved), and the suggested August 14, 2022 deadline does not apply.

Complete the Pre-Participation Physical Evaluation

form (Only Students Participating in Athletics) This form will be available in the Resource Hub in Parent Square. The Pre-Participation Physical Evaluation form is valid for 12 months from the date it was signed. If the form on file was signed and dated by a physician over 12 months prior to the start date of their desired 2022–2023 athletic program, the student must submit a new and completed physical form for the current year.

ACTIVITY REGISTRATION – KEY DATES AND DEADLINES

1. July 18, 2022: Fall Enrichment Programs registrations begins
2. July 31, 2022: Registration Completion—Highly Encouraged

After July 31, 2022: BASIS Independent Silicon Valley reserves the right to withdraw students from activities if forms are incomplete. Failure to submit all required forms does not release you from financial responsibility or entitle you to a prorated fee for missed days of activity.

3. Week of August 22, 2022: Start of clubs and fall sports offerings, unless otherwise noted under the activity description.

NOTE: The above key dates and deadlines do not apply to:

- Sports require try-outs and clubs with a required interview, assessment, or audition, as they need additional time for prospective members' evaluation.

ADDITIONAL ACTIVITY DETAILS

Academics: Participation in extracurricular activities is highly encouraged to expand and nurture students' diverse interests. However, students' academic commitment must be honored first. In order to qualify for any extracurricular activity, students must maintain their level of academic achievement. If a student is placed on an individual academic plan (see Parent & Student Handbook) by the Director of Student Affairs, the student may not be permitted to continue participation in the extracurricular program.

Refunds or Transfers: All extracurricular payment is NON-REFUNDABLE AND NON-TRANSFERABLE. This includes, but is not limited to the following: absences, academic or non-academic (school-affiliated or not school-affiliated) engagements, withdrawal from BASIS Independent Silicon Valley, or disciplinary/academic problems that result in exclusion from the program. In the event that a course or activity is cancelled due to low enrollment, the full amount will be credited or refunded.

Late Bird and Late Pick-Up: Students who attend Late Bird any time after 5:00 PM will be charged a drop-in fee for that day. The school closes at 6:00 PM. In accordance with our policy, there will be a late fee charged for students not picked up by 6:05 PM (\$15 plus \$1 for each additional minute). In the event that we are unable to contact a parent/guardian by 6:30 PM, the police will be notified. If the activity is off-site, parents are expected to pick up their child at the conclusion of the activity session. For every five minutes after an off-site activity session ends, you will be charged \$15, rounding up to the nearest five-minute mark. Late pick-up fee will be posted to your BASIS Independent Payment Portal account. In the case of multiple late pick-up occurrences (more than twice during the school year for any extracurricular activity), the student may be excluded from future sessions.

ATHLETIC Offerings & Descriptions

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1. **BADMINTON**

Physical Evaluation Form required!

Activity Organizer: Echoef Tan

Email: echoef@gmail.com

Dates: Mondays (with first meeting on 8/22/22 and last meeting on 9/30/22)

Times: 4:00 PM–5:00 PM

Location: Gymnasium

Grades: 6–12

Cost: \$10 to Club, \$50 to BISV

Description: This club will be for players of all levels. Whether you are a beginner or a veteran player, you can find an opponent to practice in doubles or singles with. Even if you have never played badminton before, it will be easy to get started by familiarizing yourself with the racket. Our goal by the end of these sessions is to raise an interest in badminton for our members and compete with each other to measure our growth. For optimal experience, it's recommended that you bring a racket so that you can choose a racket that is comfortable for you.

2. **CROSS COUNTRY**

Physical Evaluation Form, Student Athlete Agreement, and Opioid/Concussion Acknowledgment required!

Activity Organizer: Coach Ross

Email: andrew.ross@basisindependent.com

Dates: Tuesdays, Wednesdays, Thursdays (With first meeting on 8/22/22 and last practice on 11/4/22)

Times: 4:15 PM–5:15 PM

Location: Bramhall Park

(1320 Willow St, San Jose, CA 95125)

Grades: 6–12

Cost: \$525

Uniforms are on loan and will need to be returned at the end of the season. If a uniform is not returned, the student will be prohibited from registering for other sport programs and will incur a replacement fee.

Description: If cross country intimidates you, have no fear! If you are new, we'll start slow and focus on building endurance and injury prevention. If you have more experience, the coach will help you bring out your best each time you lace up your running shoes. Practice and training are a very important part of the program. Practices are a combination of running, general exercise drills such as agility ladders, hurdles, and cones, and of course games because cross country can be quite a bit of fun! Students will run on different surfaces such as dirt, sidewalk, grass and hill training. Cross country is a sport for everyone, and anyone who tries their best is a winner in our book. If you are interested in the sport, we hope to see you during the season!

3. **SPIRIT SQUAD**

Physical Evaluation Form, Student Athlete Agreement, and Opioid/Concussion Acknowledgment required!

Activity Organizer: Coach Cordero

Email: cordero@unifiedstudios1.com

Dates: Wednesdays (with first meeting on 8/22/22 and last practice on 11/4/22)

Times: 4:00 PM – 5:00 PM

Grades: 9–12

Cost: \$550

Description: Come show off your school spirit and best moves with Spirit Squad! We will be focusing on dance, cheer techniques, and routines which will be performed at all home basketball and volleyball games, along with any pep rallies that occur through April. In Spirit Squad, we will not only be developing and improving physical abilities, we will also be building skills in teamwork, respect, encouragement, and confidence.

4. **TABLE TENNIS**

Physical Evaluation Form

Activity Organizer: Evelina Zhang

Email: evelinazhang@hotmail.com

Dates: Fridays (with first meeting on 8/22/22 and last meeting on 11/4/22)

Times: 4:00 PM–5:00 PM

Location: Cafeteria

Grades: 6–12

Cost: \$70

Description: In this club, students will learn fundamental table tennis skills such as forehand hitting, looping, reverse hand flip and blocking. Students will learn to serve and be ready to play games. We will focus on basic foot-step training and stroke form correction. Each session will have warm up

physical training and end with a small game competition. This club is a great way to learn a new sport for those who have never picked paddles before. For serious BISV players, there is a possibility to represent BISV at tournaments in the future. All levels are welcome.

5. TENNIS-ADVANCED (GREEN AND YELLOW)

Assessment, Physical Evaluation Form, Student Athlete Agreement, and Opioid/Concussion Acknowledgment required!

Activity Organizer: SJSRC's coaches

Email: reno@sjsrc.com

Dates: Fridays or Saturdays with first meeting on 8/22/22, and last practice on 11/6/22. No practice on 9/4/22 and 10/10/22. Available make-up dates are November 12, 13, 19, 20, 26 and 27 (busing not available on these dates). Official rain and smoke make-up dates are December 3, 4, 10 and 11.

Times: 4:00–6:00 PM for Green & Yellow (Fridays), 1:00–3:00 PM for Green (Saturdays), 3:00–5:00 PM for Yellow (Saturdays)

Location: San Jose Swim and Racquet Club
(1170 Pedro Street, San Jose, CA 95125)

Grades: 6–12

Cost: \$800 for 10 Fridays (bussing to SJSRC provided), \$750 for 10 Saturdays, \$1500 for 10 Fridays (bussing to SJSRC provided) and 10 Saturdays.

NOTE: One-way bussing to SJSRC is provided if registered for Fridays, and parents must pick up their tennis players from SJSRC at the end of practice. No bussing available on Saturdays. A minimum of 6 tennis players must be enrolled in the Friday option. If less than 6 players enroll in the Friday option, then these enrolled players will attend Saturday sessions instead (green ball is 1:00–3:00 PM, yellow ball is 3:00–5:00 PM).

Requirement: Each player's ability level must be assessed for appropriate level/class placement. Assessments held on 8/17/21 from 4:00 PM to 5:00 PM in Gymnasium at BISV. Information on date/time of assessment was sent via school's newsletter.

Description: We focus on developing complete players who can outsmart, outlast and outperform the competition in any match situation, at any level. Our program incorporates a full progression training methodology approved by the USTA, PTR, and USPTA. Athletes implement the coaching and training they've received into competition settings, creating more growth and skill development to perform at a higher level. Athletes experience a complete transformation, improvement and growth. They become stronger, faster, more skilled and more confident to perform in any competitive setting. All our coaches are certified by the USTA, PTR and/or USPTA. All our coaches compete

in USTA tournaments and/or USTA League play. Match play strategies and tactics for singles and doubles using Green Ball and Yellow Ball are covered in this program. Conditioning, stroke development and ball placement skills are required for high-level match play. Players are preparing for competition at the tournament level for their age group and also to represent BISV in local USTA Junior Team competition. (Note that team formation requires meeting minimum number of players to form a team. Team competitions are on Sunday afternoons. For reference, Green would correspond to high school Junior Varsity and Yellow equals Varsity.)

6. TENNIS-INTERMEDIATE (ORANGE)

Assessment, Physical Evaluation Form, Student Athlete Agreement, and Opioid/Concussion Acknowledgment required!

Activity Organizer: SJSRC's coaches

Email: reno@sjsrc.com

Dates: Saturdays with first meeting on 8/22/22, and last practice on 11/6/22. No practice on 9/5/22 and 10/10/22. Available make-up dates are November 13, 20, and 27. Official rain and smoke make-up dates are December 4 and 11.

Times: 11:00 AM–1:00 PM

Location: San Jose Swim and Racquet Club
(1170 Pedro Street, San Jose, CA 95125)

Grades: 6–12

Cost: \$750 for 10 lessons

Requirement: Each player's ability level must be assessed for appropriate level/class placement. Assessments held on 8/17/21 from 4:00 PM to 5:00 PM in Gymnasium at BISV. Information on date/time of assessment was sent via school's newsletter.

Description: We focus on developing complete players who can outsmart, outlast and outperform the competition in any match situation, at any level. Our program incorporates a full progression training methodology approved by the USTA, PTR, and USPTA. Athletes implement the coaching and training they've received into competition settings, creating more growth and skill development to perform at a higher level. Athletes experience a complete transformation, improvement and growth. They become stronger, faster, more skilled and more confident to perform in any competitive setting. All our coaches are certified by the USTA, PTR and/or USPTA. All our coaches compete in USTA tournaments and/or USTA League play. This program is for players who are low intermediate to intermediate getting ready for match play and tournaments. Play is with USTA Orange balls on 60-foot courts. Concentration on tactics and strategies, combined with technical stroke production and lots of match play. Players may represent BISV in the local USTA Junior

Team competition. (Note that team formation requires meeting minimum number of players to form a team. Team competitions are on Sunday afternoons.)

7. TENNIS–NOVICE

Assessment, Physical Evaluation Form, Student Athlete Agreement, and Opioid/Concussion Acknowledgment required!

Activity Organizer: SJSRC's coaches

Email: reno@sjsrc.com

Dates: Saturdays with first meeting on 8/22/22, and last practice on 11/6/22. No practice on 9/5/22 and 10/10/22. Available make-up dates are November 13, 20, and 27. Official rain and smoke make-up dates are December 4 and 11.

Times: 12:00 PM–1:00 PM

Location: San Jose Swim and Racquet Club
(1170 Pedro Street, San Jose, CA 95125)

Grades: 6–12

Cost: \$450 for 10 lessons

Description: We focus on developing complete players who can outsmart, outlast and outperform the competition in any match situation, at any level. Our program incorporates a full progression training methodology approved by the USTA, PTR, and USPTA. Athletes implement the coaching and training they've received into competition settings, creating more growth and skill development to perform at a higher level. Athletes experience a complete transformation, improvement and growth. They become stronger, faster, more skilled and more confident to perform in any competitive setting. All our coaches are certified by the USTA, PTR and/or USPTA. All our coaches compete in USTA tournaments and/or USTA League play. This program is for junior players that have never played tennis or have had limited exposure. As the players improve, they will have the opportunity to move up to the Intermediate group during the season.

(HIGH SCHOOL GIRLS)

Try-outs, Physical Evaluation Form, Student Athlete Agreement, and Opioid/Concussion Acknowledgment required!

Activity Organizer: Coach Miller and Coach Perez

Email: rosemary.miller@basisindependent.com;
julian.perez@basisindependent.com

Dates: Tuesdays, Wednesdays, and Thursdays (with first meeting on 8/22/22 and last practice on 10/21/22)

Times: 4:00 PM–5:00 PM

Location: Gymnasium

Grades: 9–12

Cost: \$525

Uniforms are on loan and will need to be returned at the end of the season. If a uniform is not returned, the student will be prohibited from registering for other sport programs and will incur a replacement fee.

Requirement: Try-outs are held on 8/22/22 at 4:00 PM in the gymnasium.

Description: Both Coach Miller and Coach Perez are incredibly capable athletes who are adept at team building, leading, motivating, and inspiring students. Under their leadership, our BISV teams are prepared to compete. Players should have basic fundamental skills of the game such as passing and serving. They should also be able to compete at the high school level. At this level of play, the focus is the development of basic skills, rules, strategy, team play, as well as the importance of winning and losing gracefully. Games are typically scheduled on the same days as practice days. However, be prepared that some games might occur on non-practice days and game times will vary. When traveling to away games, athletes may be required to miss class(es).

8. VOLLEYBALL

ENRICHMENT

Offerings & Descriptions

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1. 3D MODELING & ANIMATION ►

Activity Organizer: Bits, Bytes And Pixels

Email: jonali@bitsbytesandpixels.com

Dates: Mondays, NO CLASS- 9/5, 10/10, 10/31, 11/21

Time: 4:00PM–5:00PM

Grades: 6–12

Cost: \$750

Description: Ever wonder how Disney/Pixar animated movies are made, or how characters move a certain way when you play Fortnite Video Game? Discover the secrets behind your favorite animations with this course. Learn the tools and techniques in 3D Modeling & Animation from professional artists, and bring your imagination to life. Build a 3D character, and animate using industry animation software. Merge your creativity and technical skills as you explore the world of 3D animation pipeline.

No prior experience required. Students must bring their own devices and software. A computer (Windows PC or Mac) would be needed. The software for this class is Autodesk Maya. The cost of the software is not included in the tuition. Approximate software cost for the duration of this course: \$0 (for ages 13+), \$35 (for under 13, new users), or \$70 (for under 13, existing users). Assistance will be provided in installing software. Unlimited access to recorded video lessons will be provided at no additional cost.

2. ACADEMIC DECATHLON

Signed Agreement required! [View Agreement](#)

Activity Organizer: Mr. Meyerowitz

Email: bryan.meyerowitz@basisindependent.com

Dates: Wednesdays

Time: 4:00 PM–5:30 PM

Grades: 9–12

Cost: \$250

Description: Academic Decathlon is a ten-event competition that focuses on academic content development and skill practice. Students compete in a regional competition in December/January and may compete in the State competition in March.

3. AI FOR APPS

Activity Organizer: Venkata Duvvuri

Email: v.duvvuri@northeastern.edu

Dates: Thursday

Time: 4:00 PM–5:00 PM

Grades: 6–12

Cost: \$100

Description: In this club, students will learn about Artificial Intelligence and how it is used in different fields from

environment to healthcare. They will learn the basics of AI–Machine Learning, Deep Learning with Neural Networks, and build several AIs using both industry standard python tools like Sklearn/TensorFlow and the AWS Cloud. They will use this knowledge to build a custom project. The custom project will be done individually or in teams of up to 4 people. The custom project will be an AI powered app - either a website, mobile app, or both. You can either submit this app to competition, or use it to further your research or startup ambitions!

4. AI 4 HEALTHCARE ►

Activity Organizer: TBD - This club will run if an advisor is identified. If one is not identified by August 14th, parents will be refunded for their registration

Dates: 1st and 3rd Wednesday of each month

Time: 4:00 PM–5:00 PM

Grades: 8–12

Cost: \$125

Description: Artificial Intelligence is any digital system that has “knowledge” comparable to that of a human being. AI has become a very popular field, and there have been AI applications from predicting the stock market to diagnosing people with diseases. Our club is for students, like us, who are interested in AI and its applications in the field of healthcare. As a part of the club, we will learn about different parts of AI, discuss its ethics, and talk about different applications in the healthcare field, from robotic surgery to drug development, cancer screenings, and so much more. In a more hands-on approach, we will even do group projects on AI with Healthcare, from the club research project that will result in a publication by the end of the year to hands-on coding experience and participation in numerous competitions that will go on throughout the year. Examples would be early participation in-school competitions, the Congressional App Challenge, as well as later participation in the Junior Breakthrough Challenge. As a part of the club, we will also invite industry leaders in the field of AI and healthcare, and maybe even go on field trips to some companies that have systems that relate to AI in Healthcare, if restrictions allow. We look forward to seeing you in the AI 4 Healthcare Club!

(No prior coding experience is required, but recommended).

5. ANATOMY CLUB

Prerequisites: Basic knowledge of Biology

Activity Organizer: Sheela Sukumaran

Email: sheelasukumaran@gmail.com

Dates: Fridays

Times: 4:00–5:00 PM

Grades: 8–12

Cost: \$150 to Club, \$100 to BISV

Description: The Anatomy Club will provide an introduction to the basic anatomy and physiology of the human body for those who aspire to be doctors or have obtained an interest in the medical field. Through hands-on experiences like dissections and case studies, this student and leadership focused club will inspire others to become the next generation of passionate leaders and pioneers in medicine. Sessions will focus on individual body systems, how to suture and perform dissections, job opportunities in the field, as well as the role anatomy will play in the future of healthcare.

6. ANIMAL RIGHTS CLUB ►

Signed Agreement required! [View Agreement](#)

Activity Organizer: TBD -This club will run if an advisor is identified. If one is not identified by August 14th, parents will be refunded for their registration

Dates: 1st and 3rd Friday of each month

Time: 5:00 PM–6:00 PM

Grades: 6–12

Cost: \$100

Description: Have you thought about the rights of animals? In ARC, students will have the opportunity to broaden their knowledge about animal cruelty and animal rights with fun activities. Come be a part of a community that will bring awareness to animal cruelty. We will have engaging discussions and light-hearted debates that will provide different perspectives. A few of the exciting activities we will do are as follows: make online posters to spread awareness, engage with the local government to spread awareness, and take a virtual field trip to a farm sanctuary. Students will come away with greater knowledge about humanity's impact on animals, as well as tools to make change in the world. Join ARC to make an impact and to help be the solution to animal cruelty.

7. ART OF COMPUTER ALGORITHMS CLUB

Prerequisites: Students must understand a programming language (i.e. Java, C++, etc.) and have a laptop

Activity Organizer: Qing Zhang, Jennifer Tsai

Email: qingqingzhang@gmail.com

Dates: Fridays

Time: 4:00 PM–5:00 PM

Grades: 7–12

Cost: \$100

Description: The Art of Computer Algorithms Club will teach students fundamental computer science algorithms and data structures that will be needed in both competitions and real-world applications. Also, we will organize the club to compete in team competitions. Our purpose for hosting this club is to provide an opportunity for students to learn through critical thinking when it comes to computer science. Algorithms are a great way for students to learn creative problem solving and it can provide a deeper understanding of important computer science principles that students can use in future computer science endeavors. Finally, this club will prepare students for the ACSL competition, which it will also host.

8. BISV CAR CLUB

Activity Organizer: Kapil Vyas, Kirtan Vyas

Email: kapil.vyas@automationanywhere.com; kirtan@mastermind.bz

Dates: Mondays

Time: 4:00 PM–5:00 PM

Grades: 8–12

Cost: \$100

Description: The BISV Car Club is a community of automotive enthusiasts who share a common interest in 'everything cars'. This club will host regular meetings once a week with various events and activities. It is a fun club where car club members will get to learn the evolution of cars, car fundamentals, learn to sketch their own car design and even build a model V8 Engine. They will get to hear from visiting speakers from the world of cars. Students will also have the opportunity learn about Road safety and driving ethics as a part their curriculum. A final showcase will include a car show or a project exhibition. We look forward to vrooming into a fun and enriching year!

9. BISV SCIENCE RESEARCH JOURNAL

Activity Organizer: Ms. Allendoerfer

Email: Karen.allendoerfer@basisindependent.com

Dates: 1st and 3rd Wednesday of each month

Time: 4:00 PM–5:00 PM

Grades: 9–12

Cost: \$100

Description: This club will serve as the editorial board for a school-wide student research journal; students will be assigned roles to manage the publication, from design to article editing to peer review based on their specialties. Students should ideally have experience with basic visual media tools, like Adobe Acrobat, Google Docs, and Microsoft Word.

This research journal can give students a great opportunity to express their passion for science and research, and along the way they can get a feel for the research process and the process of sharing their research. This club will also provide students with a fun and engaging group of like-minded peers where they can seek help with research projects, gain more knowledge and ideas for future research, and improve their communication skills. Ultimately, this journal club is a great way for STEM-oriented and research-oriented students to let their skills shine and display their knowledge.

10. BOARD GAME CLUB

Activity Organizer: Mr. Kent

Email: mark.kent@basisindependent.com

Dates: 1st and 3rd Wednesday of each month

Time: 4:00 PM–5:00 PM

Grades: 6–8

Cost: \$100

Description: Members of Board Game Club gather every week to play all different types of board games and card games. We've got a few of the classics in our collection, as well as lots of new games to play. Worried about knowing the rules? No problem - we have club members ready to teach you! BISV Board Game Club provides a setting for students to get together, relax, have fun, and learn new games!

11. BUILD YOUR OWN APP ►

Activity Organizer: VineyardAppCamp

Email: admin@vineyardappcamp.com

Dates: Tuesdays

Time: 4:00 PM–5:00 PM

Grades: 6–8

Cost: \$490

Description: Have you ever wanted to make your own websites and apps? In this hands-on coding and tech

club, you'll learn the skills of a coder and the mindset of an entrepreneur through building apps - your own app and also an app for local nonprofits. You'll build apps and games every week in the course and work on real iOS apps. Previous students have been covered in multiple local news outlets for apps they've built for homeless shelters, veterinarians, and local climate nonprofits!

12. BUILDERS CLUB

Activity Organizer: TBD -This club will run if an advisor is identified. If one is not identified by August 14th, parents will be refunded for their registration

Dates: 1st and 3rd Friday of each month

Time: 4:00 PM–5:00 PM

Grades: 6–8

Cost: \$100

Description: Builders Club encourages members to gain hands on leadership skills through service to others. Give our members a chance, and they will outshine adults every time - age knows no limits. Our members think in terms of what they can do, not what they cannot do.

13. BUSINESS/ENTREPRENEURSHIP CLUB ►

Activity Organizer: TBD - This club will run if an advisor is identified. If one is not identified by August 14th, parents will be refunded for their registration

Dates: Thursdays

Time: 4:00 PM–5:00 PM

Grades: 8–12

Cost: \$225

Description: The Business/Entrepreneurship Club is meant to give students a holistic experience of putting together a business pitch, from brainstorming to researching to marketing to financials. We do this through activities such as competing in online business competitions and running a profitable business as a club together.

14. CHESS CLUB

Activity Organizer: Mr. Kent

Email: mark.kent@basisindependent.com

Dates: Tuesdays

Time: 4:00 PM–5:00 PM

Grades: 6–12

Cost: \$100

Description: The intent of this club is to teach chess and allow students to learn to be better players together. Students will learn several variants of chess, in addition to the classic version.

15. CODENOW CLUB

Activity Organizer: Jyotsna Gummaraju

Email: jyotsna.gummaraju@gmail.com

Dates: Mondays

Time: 5:00 PM–6:00 PM

Grades: 6–9

Cost: \$100

Description: In this programming club, we hope to inspire members to develop a passion for programming through fun and interactive projects. Our course will cover the basics of Python programming language and introduce concepts such as variables, conditionals, loops, lists, maps, and functions. This will serve as a strong foundation for programming and AP CS courses.

16. COMIC BOOK CLUB ▶

Signed Agreement required! [View Agreement](#)

Activity Organizer: Mr. Archambault

Email: matthew.archambault@basisindependent.com

Dates: Wednesdays

Time: 4:00 PM–5:00 PM

Grades: 6–12

Cost: \$200

Description: Superheroes have taken over pop culture, between movies, TV shows, and videogames. However, most students haven't had the opportunity to get into the source material: Comic books. Comic Book Club allows students, once a week, to take a break from the stresses of school and spend an hour reading for fun. Students have access to Mr. Archambault's hundreds of comics, and are encouraged to join one of several major digital comic subscription services (Marvel Unlimited, Comixology Unlimited, DC Universe Infinite) that will give them access to literal thousands of books. In addition, students will get their own copies of the Graphic Novel of the Month (voted on by the students) to keep, which will lead to a full-group discussion of what they read.

17. CRYPTOCURRENCY CLUB

Activity Organizer: Ms. Tamhane

Email: kirti.tamhane@basisindependent.com

Dates: Mondays

Time: 4:00 PM–5:00 PM

Grades: 8–12

Cost: \$215

Description: It's 2022, and one of the hottest and most controversial topics for more than a decade has been cryptocurrency. Cryptocurrency has the potential to change our worlds, regardless of its eventual success or failure. It's our duty to understand the topic and learn about how it affects

us, and that is the goal of Cryptocurrency Discussion Club. This club that strives to educate students on the theory of cryptocurrency, the system behind it, and the controversies surrounding it. Cryptocurrency Discussion Club is not an investment club, nor does it aim to mold students' minds into a certain perspective toward cryptocurrency. Instead, the club wants students to genuinely learn and understand how cryptocurrency works and the role it has in our everchanging world so that they can make their own judgment on the topic. This club will be primarily focused on Bitcoin, but it will also cover and discuss some elements of Ethereum. Students will be taught topics such as properties of money, blockchains, mining, timestamps, smart contracts, etc. while participating in club discussions and debates over controversy about cryptocurrency, and even create their own cryptocurrency wallets and NFTS.

18. CYBERSECURITY CLUB

Activity Organizer: Ms. Tamhane

Email: kirti.tamhane@basisindependent.com

Dates: Mondays

Time: 4:00 PM–5:00 PM

Grades: 6–12

Cost: \$100

Description: Cybersecurity is an incredibly important field to gain experience in. The growing rise of technology and its ubiquity in everyday life necessitates that people understand the importance of protecting their systems and how to do so. The Cybersecurity Club has two main goals, one, to teach BISV students about different aspects of network security, hacking, and cyber ethics, and two, to advocate against cyberbullying and malicious online activity. This club would be a unique addition to the BISV catalogue and address an issue that many teenagers are unaware of. The cybersecurity club would also support causes dedicated to improving cyber literacy and ameliorating the problem of cyberbullying. The importance of cybersecurity in an online world is clear, and offering a cybersecurity club gives BISV students a head start in understanding how to protect computer systems, and ultimately, their information

19. DECA ►

Prerequisites: Students must be in grade 9 or higher and have taken the Introduction to Business class or be currently enrolled. Students who stay in DECA for more than one year must take an additional CTE course such as Empowering Entrepreneurship.

Activity Organizer: Ms. Silva, TBD

Email: jaymie.silva@basisindependent.com, TBD

Dates: Wednesdays

Time: 4:00 PM–5:00 PM

Grades: 9–12

Cost: \$425

Description: DECA is a business and entrepreneurship career and technical services organization. DECA gives students the opportunity to learn about and compete in events related to Marketing, Finance, Entrepreneurship, Hospitality & Tourism, and Business Administration while networking with students throughout the world. Students compete solo or in groups of up to three people in various written, verbal, and/or online events. DECA fosters maturity and independence while allowing students to explore their interests in the business world.

20. DIGITAL ART AND ILLUSTRATION CLUB

Activity Organizer: Bits, Bytes and Pixels

Email: jonali@bitsbytesandpixels.com

Dates: Wednesdays, NO CLASS 11/23

Time: 4:00 PM–5:00 PM

Grades: 6–12

Cost: \$850

Description: Discover the tricks behind Computer Generated Graphics with this course. Learn the principles that make a good design and create your own eye-catching compositions such as Animated Gifs, stunning Photo Effects, surreal Digital Compositions, branded Logo Design, T-Shirt Design and more. Make stunning digital artwork for hi-resolution prints and web graphics using the leading industry software for Graphic Design. Learn from industry professionals, and use your design skills in everything from personal use, classroom presentations, mobile apps to social media.

No prior experience required. Students must bring their own devices and software. A computer (Windows PC or Mac) would be needed. The software for this class is Adobe Photoshop. The cost of the software is not included in the tuition. The approximate software cost for the duration of this course is approximately \$62. Assistance will be provided in installing software. Unlimited access to recorded video lessons will be provided at no additional cost.

21. DIVERSITY AND UNITY DANCE CLUB ►

Activity Organizer: Josephine Zhou

Email: josephinezhou99@gmail.com

Dates: Fridays

Time: 4:00 PM–5:00 PM

Grades: 6–12

Cost: \$100

Description: Let us dance for diversity and unity! The purpose of the Diversity and Unity Dance Club is to learn and promote cultural diversity and unity through dance from diverse cultural backgrounds such as Chinese, Latin, C-Pop, Indian, Modern, Jazz, Ballet, etc. The goal is to learn three cultural dances each school year. No dance experience is required to join!

22. FINANCE CLUB ►

Activity Organizer: SPARK Business Academy

Email: chuchi.arevalo@sparkbusinessacademy.com

Dates: Mondays

Time: 4:00 PM–5:00 PM

Grades: 6–8

Cost: \$625

Description: Learn how to manage your money in this program promoting essential life skills! Set your financial goals, develop a budget from scratch, shop for a credit card and calculate the monthly cost of your dream car. Students also learn about mortgages, FICO scores, taxes, and the dangers of piling up debt. Through simulations and hands-on activities, participants gain confidence to explore financial decisions they will have to make in the future.

23. FINANCIAL LITERACY CLUB

Activity Organizer: Liyan Wu

Email: wlyan@hotmail.com

Dates: 2nd and 4th Friday of each month

Time: 4:00 PM–5:00 PM

Grades: 9–12

Cost: \$50 to Club, \$100 to BISV

Description: The purpose of this club is to introduce students to key personal finance concepts involved in money management, spending, and saving. Some topics covered will be insurance, taxes, assets vs. liabilities, savings, investments, unearned income, etc. Besides learning these concepts, the students will also play a few finance-related games to provide visual and kinesthetic aspects to the curriculum, such as a casual stock market game with simulated money, the board game Cashflow, the online game Payback, etc

24. FITNESS CLUB

Physical Evaluation Form required!

Activity Organizer: Deepa Sriram

Email: deepasriram310302@yahoo.com

Dates: 2nd and 4th Monday of each month

Time: 4:00 PM–5:00 PM

Grades: 6–8

Cost: \$100

Description: The Fitness Club introduces students to the world of fitness. We will discuss what being “fit” really means, fitness strategies, and the impact fitness has on your biological functions. We will learn about various kinds of fitness (such as yoga, cardio, martial arts, meditation, etc.) and the ways cultures affect fitness. This club involves some fitness theory, as well as some practice.

25. GAME DESIGN CLUB

Prerequisites: Some programming or art experience

Activity Organizer: Jinsong Chen

Email: jschen1976@gmail.com

Dates: Fridays

Time: 5:00 PM–6:00 PM

Grades: 9–12

Cost: \$100

Description: Members will form an indie game developing team using game engine unity, programming language C# to create and publish video games. The focus of this year would be to use what we’ve already learned in game design and game engine to write games that are socially beneficial and address current events.

26. GARDENING CLUB

Signed Agreement required! [View Agreement](#)

Activity Organizer: TBD - This club will run if an advisor is identified. If one is not identified by August 14th, parents will be refunded for their registration

Dates: 2nd and 4th Friday of each month

Time: 4:00 PM–5:00 PM

Grades: 7–12

Cost: \$100

Description: The Gardening Club serves members who want to create a friendlier, healthier, and more environmentally conscious school. This club would involve students who are willing to apply themselves in an experience aside from schoolwork: gardening! Students who are interested in biology are particularly welcome, as we plan to study botany in addition to planting a range of plants. The purpose of starting the Gardening Club is to promote students’ love for gardening and enrich their understanding of botany and ecology. The biology aspect of this club would include studying plant

anatomy, ecology, and more through presentations, Kahoots, experiments, and research activities. To begin, we will plant smaller, more manageable plants such as succulent plants, which members can take home if they wish to do so. We will study the nature of plants, and, as students feel more confident, the club can branch out and grow a larger range of plants. While the Garden Club will provide students with a few plants over the course of the year, students will typically purchase their plants at local garden stores. Students can plant as many or as few plants as they desire, depending upon their interest. Potential plants we can and have planted include succulents, green onions, bok choy, radishes, onions, and snap peas. Some plants have been decided while others are up for discussion within the group.

27. GENDER-SEXUALITY ALLIANCE (GSA)

Activity Organizer: Mr. Archambault and Ms. Banga

Email: matthew.archambault@basisindependent.com; manisha.banga@basisindependent.com

Dates: 1st Thursday of each month

Time: 4:00 PM–5:00 PM

Grades: 8–12

Cost: \$0

Description: BISV GSA is group for LGBTQ+ students and allies. The group will focus on allowing LGBTQ+ students to find and support one another, and will provide students with resources, education, and community. Registration is not required for this club.

28. GENERATION SHE

Activity Organizer: Ms. Medrano

Email: karen.medrano@basisindependent.com

Dates: 1st and 3rd Thursday of each month

Time: 4:00 PM–5:00 PM

Grades: 9–12

Cost: \$100

Description: Our mission is to change the gender gap in the current entrepreneurship landscape, and we hope to do so by empowering and educating young women. This includes all women, cis or trans, and all non-binary and gender nonconforming young people. Our goal is to change the face of entrepreneurship, to use leadership and self-starting attitudes to do good for the world. To do this, Generation She’s community and events work to be safe spaces for all gender identities. Our Generation She chapter at BASIS Independent Silicon Valley will encourage and value diversity in background, nationality, ethnicity, gender, sexuality, religion, self-expression, physicality, ability, neuro-divergence, economic status, and educational background. We would not tolerate racism, sexism, queer-phobia, hateful language, ableism, bigotry, body shaming, or intolerance of any kind.

29. GENES IN DISEASES AND SYMPTOMS

Activity Organizer: Annie Chen and Sophie Xu

Email: annie.chenyan@gmail.com; xiaoyanx@yahoo.com

Dates: Tuesdays

Time: 4:00 PM–5:00 PM

Grades: 8–12

Cost: \$10 to Club, \$100 to BISV

Description: Genes in Diseases and Symptoms (GIDAS) is a club focused on researching and volunteering for a particular disease of focus. This disease of focus changes every year, ranging from opioid addiction to pancreatic cancer to COVID-19. We also prepare for two events every year: the Genes and Health Contest, where you may earn cash prizes, and the High School Research Conference, where you can meet other GIDAS members across the nation. Additionally, you will be able to publish an abstract on your own research, which is an opportunity many high school students do not have, or even present your work in front of professional scientists and researchers. By joining the club, you will learn invaluable research and computational biology skills, along with the opportunity to fundraise and democratize medical research. An additional \$35 or more registration fee will be collected for the High School Research Conference which it is optional to attend.

30. GIRLS WHO CODE

Activity Organizer: Ping Chen

Email: chenping.ay@gmail.com

Dates: 2nd and 4th Monday of each month

Time: 4:00 PM–5:00 PM

Grades: 6–12

Cost: \$32

Description: Girls Who Code is a national organization that focuses on teaching young girls the basics of coding and encouraging girls to pursue computer science and change the world. In the club, students will learn how to build their own website and fun BuzzFeed quizzes from scratch using HTML/JavaScript/CSS. In addition, students will be taught basic programming concepts, algorithms, data structures, and debugging methods with various fun projects using Java, Eclipse, and Git. Students will also learn a bit about USACO (USA Computing Olympiad) questions and problem solving for students who might be interested in the competition. Other topics will include blockchain technology, crypto-currency, and more.

31. GRAPHIC DESIGN CLUB

Activity Organizer: VineyardAppCamp

Email: admin@vineyardappcamp.com

Dates: Thursdays

Time: 4:00 PM–5:00 PM

Grades: 6–8

Cost: \$500

Description: Interested in drawing, art, or design? In this class, you will learn how to use your doodling skills for real, by doing design projects for local nonprofits or small businesses. You will learn how to make professional posters and art that people want to pay for, and you will ultimately design posters and ads for real organizations with worthy causes. Our student's work has been used in ads and online Instagram posts by the Special Olympics, Martha's Kitchen, and local shelters.

32. HIGH SCHOOL SCIENCE BOWL

Activity Organizer: Dr. Bozidarevic

Email: ivana.bozidarevic@basisindependent.com

Dates: Thursdays

Time: 4:00 PM–5:00 PM

Grades: 9–12

Cost: \$400

Description: Science Bowl is a nationwide academic competition that tests students' knowledge in all areas of science and mathematics. Teams face-off in question and answer format, tested on a range of science disciplines including biology, chemistry, Earth science, physics, energy, and math. If you are interested in solving technical problems in a fast-paced verbal forum with your fellow classmates, then High School Science Bowl is for you. At our weekly meetings, we will prepare for the regional competition while discussing advanced scientific concepts and addressing many of today's most pressing scientific issues. Regionals are held typically in February at the Stanford Linear Accelerator (SLAC) campus. Following the regional competition, meetings will continue weekly or biweekly depending on team qualification for National Science Bowl, held in Washington DC, or practicing for fun.

33. HISTORY CLUB

Activity Organizer: Akshay Agarwal

Email: aakshay@gmail.com

Dates: Mondays

Time: 5:00 PM–6:00 PM

Grades: 7–12

Cost: \$100

Description: This is a place for those who are passionate about history, whether it be U.S. History, history of a particular

region or country, or world history, to come together and have discourse and debates about certain historical issues. Additionally, there will be wide varieties of history competitions such as history bees that club members will be able to participate in if they choose to do so. Examples of competitions include the US History Bee, History Bowl, and History Olympiad. Club members can also receive help on the history subjects they are taking in school such as WHAP, APUSH, and AP Gov. There will also be a focus on competition preparation, where club participants will engage in practice jeopardsies to prepare for competitions.

34. INNOVATIVE TECH CLUB

Activity Organizer: Ivy Chen

Email: satorivy@gmail.com

Dates: 2nd and 4th Thursday of each month

Time: 2nd and 4th Thursday 4:00 PM–5:00 PM,
1st and 3rd Thursday 5:00 PM–6:00 PM

Grades: 8–12

Cost: \$150

Description: This club serves members who are interested in hardware engineering in the semiconductor industry. Members will have the opportunity to explore semiconductor history, the concept of the project development, and the basic building blocks of a digital application. Our club members will also have the opportunity to interview the domain experts in the field of semiconductor material as well as chip fabrication processes in advanced technology nodes. The club activities will be combined with lectures, field trips, and hands-on project-based learning activities. Our members are encouraged to ask questions and seek methods to solve real digital design problems

35. INTRODUCTION TO AI/MACHINE LEARNING ►

Prerequisites: Some basic knowledge of Python or Java programming languages

Activity Organizers: Amitha Rajanna

Email: amitha_gr@yahoo.com

Dates: Wednesdays

Time: 4:00 PM–5:00 PM

Grades: 7–10

Cost: \$100

Description: AI is a rapidly growing field, relevant to numerous subjects including physics, biology, and mathematics. This club will teach students basic AI/ML models and libraries that can be used for data analysis. Students will also be introduced to topics that mainly pertain to Python and Computer Science principles through a final group project. This club will give members the skills to apply and participate in AI related summer programs such as AI4ALL, Cosmos, and SRA.

36. INTRODUCTION TO JAVA PROGRAMMING ►

Activity Organizer: Whizara

Email: smitta@whizara.com

Dates: Fridays

Times: 4:00 PM–5:00 PM

Grades: 6–12

Cost: \$425

Description: Whizara's Introduction to Java programming course introduces students to the fundamentals of syntax-based programming via its fun real world, graphics, animation, and game-based engaging curriculum. Students learn the fundamentals of programming including variables, user inputs/output, random, conditionals, loops, functions, events, array and more as they develop a series of projects and activities. The hands-on course further reinforces computational concepts of sequencing, pattern recognition, parallelism and algorithmic thinking, and software development process. This course builds the foundation for the Intermediate Java course.

37. INTRODUCTION TO PYTHON CLUB ►

Activity Organizer: Whizara

Email: smitta@whizara.com

Dates: Thursdays

Times: 4:00 PM–5:00 PM

Grades: 6–12

Cost: \$530

Description: Whizara's Introduction to Python Programming course introduces students to the fundamentals of syntax-based programming via its fun, graphics, animation, and game-based engaging curriculum. Students learn the fundamental programming concepts including variables, user inputs/output, random, conditionals, loops, functions, events, list and more as they develop a series of projects and activities. The hands-on course further reinforces computational concepts of sequencing, pattern recognition, parallelism and algorithmic thinking, and software development process. This course builds the foundation for the Intermediate Python course.

38. INVESTMENT CLUB ►

Activity Organizer: Dr. Wang

Email: zoey.wang@basisindependent.com

Dates: Thursdays

Time: 4:00 PM–5:00 PM

Grades: 9–12

Cost: \$225

Description: In Investment Club, individuals and teams will compete in multiple national and international competitions to generate the highest return on a portfolio of stocks that

they select. The typical competition has students investing a hypothetical \$100,000 in real stocks. The first portion of the year will focus on instruction, covering investment strategies ranging from fundamental to technical analysis. Competitors will learn the basic principles of corporate finance during this time. As competition season begins, the focus shifts to developing a robust portfolio of stocks to outperform the market as students meet with their teams to discuss strategies and compare returns. Club members can continue to trade throughout the week at whatever frequency they choose.

39. JOURNALISM CLUB ►

Signed agreement required! [View Agreement](#)
Activity Organizer: Ms. Shapiro
Email: meredyn.shapiro@basisindependent.com
Dates: Thursdays
Time: 4:00 PM–5:00 PM
Grades: 9–12
Cost: \$300

Description: Do you love writing? Do you love investigating what is going on in the world around you? Do you love the feel of a newspaper in your hands? Do you want to see your name printed on an awesome school publication? If so, Journalism Club is for you! We work on writing, editing, and publishing the school's weekly newspaper, The Quill. Come join this fantastic BISV tradition and make your mark on our community.

40. JUNIOR CEOs CLUB ►

Activity Organizer: SPARK Business Academy
Email: chuchi.arevalo@sparkbusinessacademy.com
Dates: Wednesdays
Time: 4:00 PM–5:00 PM
Grades: 6–8
Cost: \$625

Description: How cool would it be for you to be the boss of Apple, Under Armour or Amazon for a day? In this unique leadership program, you can do just that! Students act as CEOs for leading companies and work in teams to make strategic recommendations addressing real business issues. Students enhance their problem-solving skills, develop business savvy and cultivate a strategic mindset as future leaders!

41. KEY CLUB ►

Activity Organizer: Ms. Garcis
Email: silvia.garcia@basisindependent.com
Dates: 2nd and 4th Thursday of each month
Time: 4:00 PM–5:00 PM
Grades: 9–12
Cost: \$50

Description: Key club serves to provide high school students with frequent community service opportunities; in hopes of fostering competent and caring servant leaders who transform communities worldwide. By engaging members in a multitude of environments and activities. Key club encourages leadership. Character building caring and inclusiveness. Through Key Club, members are taught to develop more serviceable citizenship, serve the school and community, and form enduring friendships.

42. KNITTING & CROCHET CLUB

Prerequisites: none, but some basic knowledge of crochet is preferred.

Activity Organizer: Liyan Wu
Email: wlyan@hotmail.com
Dates: Wednesdays
Time: 4:00 PM–5:00 PM
Grades: 6–12
Cost: \$25 to Club, \$100 to BISV

Description: BISV's Knitting & Crochet Club is a program in which club members will learn the art of knitting and crochet. It reduces stress, improves patience, and promotes creative thinking. In the beginning, club members will participate in the "Box of 500" project, which will involve crocheting small sections that will be joined into blankets and donated to people in need. In addition to volunteering, club members will also transition into the more complex crochet projects, which we will be focusing on for the majority of the year such as toys, scrunchies, and other customized crafts.

43. LEADERSHIP CLUB

Requirements: Applications required and are due no later than August 1! Please click [HERE](#) to access the application and refer any questions to the club advisor, Ms. Huson. Signed agreement required after invitation to join.

[View Agreement](#)

Activity Organizer: Star Huson

Email: star.huson@basisindependent.com

Dates: Thursdays

Time: 4:00 PM–5:00 PM

Grades: 6–12

Cost: \$0

Description: BASIS Independent Silicon Valley's Leadership Club is a group of student leaders that strives to unify the student body positively and productively by planning school activities and school events. By creating these opportunities, they are encouraging student participation, building school spirit, and creating a safe and enjoyable school atmosphere. Membership in club is by invitation only.

44. LEADERSHIP FOR FUTURE INNOVATORS ▶

Activity Organizer: EnActe Arts

Email: esod@enacte.org

Dates: Tuesdays

Time: 4:00 PM–5:00 PM

Grades: 6–8

Cost: \$750

Description: Is your child going to change the world? This class will give your student the opportunity to think about big ideas in a way they can digest and communicate their own big ideas to shape the future. Each class the student will watch a short TedTalk given by someone between ages 6-15 and engage in a critical analysis of the ideas presented within their cohort. Then students innovate their own new projects and share their ideas with their peers. This process will challenge their ideas and ultimately teach them about persuasion, public speaking, charisma, stage presence, clarity, and other leadership skills! Students will have a blast while learning fundamental skills that will help them in their future careers.

Final Project: Each student will write, perform, and record their own TedTalk which can be shared with their friends and family!

45. LETTERS TO STRANGERS ▶

Activity Organizer: Ms. Jones

Email: mayra.jones@basisindependent.com

Dates: Thursdays

Time: 4:00 PM–5:00 PM

Grades: 8–12

Cost: \$125

Description: Members write letters anonymously to youth to promote mental wellbeing.

46. MACHINE LEARNING AND PROJECT APPLICATION

Prerequisites: Machine Learning experience not required, but below experiences preferred:

- Completed AP Computer Science A
- Taken Intro to CS
- Taken Intro to Programming
- USACO Bronze Clear

Activity Organizers: TBD - This club will run if an advisor is identified. If one is not identified by August 14th, parents will be refunded for their registration

Dates: Mondays

Time: 4:00 PM–5:00 PM

Grades: 8–12

Cost: \$100 to Club, \$100 to BISV

Description: This club is both a learning and project based club regarding machine learning and python.

We will cover:

- Basics of Python (Syntax & Overview of the Language;
- Python Libraries for ML - Numpy, Pandas, Sklearn)
- Basics of ML (Supervised vs Unsupervised; Training vs Testing; Losses ; Linear, Logistic & Tree Models)
- Intro to Deep Learning & Neural Networks
- Convolutional Neural Networks (Conceptual overview; Syntax: layers; Applications to projects)
- Recurrent Neural Networks (Conceptual overview;
- Application on real world examples: forecasting weather)
- Machine learning application in real world companies (Content taught and created will be published on the website reach4ml.org). There will be an end of the year project/competition.
- Can be used for future hackathons that groups can enter as a team (First hand talks with guest speakers from companies and other universities)

47. MACHINE LEARNING CIRCLE

Prerequisites: Members must have their own laptop and a Google account. To be eligible, members should have one of the below qualifications:

- › Passing AP Computer Science A
- › USACO Silver or higher
- › Codeforces Elo 1450 after 1 contest
- › Programming experience of at least 1 year (any language) and passing a qualifying test (email anaiysomalwar@gmail.com for a qualifying test.

Activity Organizer: Ms. Flood

Email: rene.flood@basisindependent.com

Dates: 1st and 3rd Wednesday of each month

Time: 4:00 PM–5:30 PM

Grades: 8–12

Cost: \$150

Description: The Machine Learning Circle club is being offered to build a community of machine learning enthusiasts and researchers at BISV. It provides club members with an ability to train on trademark datasets (MNIST, CIFAR10) using common industrial implementations and models (k-nearest neighbors, convolutional neural networks, recurrent neural networks) to become competent future data scientists.

Contents Covered in the Club:

- › Linear Algebra Fundamentals (Vector Algebra, One-Hot Encoding)
- › Python Fundamentals and Libraries (ScikitLearn, Keras, Tensorflow, PyTorch)
- › K -Nearest Neighbor machine learning model
- › Loss Minimization and Model Optimization (Hinge Loss, Cross Entropy, Regressions)
- › Feed-Forward Neural Networks and Activation Functions (relu, softmax, and sigmoid)
- › Convolutional Neural Networks and Optimizations
- › Recurrent Neural Networks
- › Club will culminate with ML-based individual projects.

48. MATH CIRCLE

(HIGH SCHOOL)

Assessment required prior to registration!

Activity Organizer: Manoj Das

Email: manojdas1@gmail.com;

Dates: Fridays

Time: 6:00 PM–8:00 PM

Grades: 9–12

Cost: \$600 (5:00 PM–6:00 PM), \$850 (5:00 PM–7:00 PM), \$500 (6:00 PM–7:00 PM) to Club, \$100 to BISV

Description: Upper School Math Circle is a Math Competition Prep program led by a professional Math Competition Coach, and is focused on competitions such as the AMC, AIME, Berkeley Math Tournament, Bay Area Mathematical Olympiad, and Harvard MIT Math Tournament. Meetings are held weekly on every Friday from 6:00–8:00 PM. Two to three weekend sessions are also organized in January/February. Challenge problems are assigned every week and must be turned in the following week. There is an entrance test to qualify for the club. Members of the club will participate individually and/or in teams, representing the school at various Math competitions, some of which require travel. Last year the team participated in and did very well at HMMT at Harvard, CHMMC at Harvey Mudd, SMT at Stanford, BmMT and BMT at UC Berkeley (however, membership in the circle is neither a requisite nor a guarantee of being included in a competitive team). The club also organized many onsite competitions including COMC, BAMO, Purple Comet, Mandelbrot, and Math Madness. Given that many circle members are now qualifying for AIME and will benefit from more advanced preparation, this year the circle will offer an additional 7:00 PM–8:00 PM session that will focus on problems with a difficulty level of AIME problems 10–15 or harder. Students can enroll for the 6:00–7:00 PM session for \$600, combined 6:00–8:00 PM session for \$850, or for just the 7:00 PM–8:00 PM session for \$500. The club plans to enroll 30 students.

More information about the club and the enrollment process can be found [HERE](#). The first step for enrollment is to register interest with the club [HERE](#) (there is a help document on the usage [HERE](#)) by **August 14, 7:00 PM PST**. The online assessment test is scheduled for **TBD, from 6:00–7:00 PM**.

49. MATH CIRCLE

(MIDDLE SCHOOL)

Assessment required prior to registration!

Activity Organizer: William Hung and Kaylee Yang

Email: bisv.middleschoolmath@gmail.com;
zhenbinge@gmail.com

Dates: Wednesdays or Thursdays (dependent on enrollment numbers and members' level)

Time: 6:00 PM–7:00 PM

Grades: 6–8

Cost: \$500 to Club, \$100 to BISV

Description: Middle School Math Circle is a Math Competition Prep program led by a professional Math Competition Coach, and is focused on competitions such as the AMC 8. Challenge problems are assigned every week and must be turned in the following week. There is an entrance test to qualify for the club. Members of the club will participate individually and/or in teams, representing the school at various Math competitions, some of which require travel. Last year, the team participated in and did very well at BmMT and BMT at UC Berkeley. The club also organized many onsite competitions including COMC, BAMO, Purple Comet, Mandelbrot, and Math Madness. The club plans to enroll 30 students (or 60 students if two sections). This year, the club is also considering splitting into two levels; details are at the links below.

More information about the club and the enrollment process can be found [HERE](#) (Google Slides) and [HERE](#) (You Tube video).

The first step for enrollment is to register interest with the club [HERE](#) by **August 14, 7:00 PM PST**. Online assessment test is tentatively planned for **TBD, 6:00–7:00 PM**.

50. MENTAL WELLBEING AND ACTIVISM CLUB ►

Activity Organizer: Ms. Banga

Email: manisha.banga@basisindependent.com

Dates: 2nd Tuesday of each month

Time: 4:00 PM–5:00 PM

Grades: 7–12

Cost: \$100

Description: The Mental Wellbeing and Activism club will be a club focused on raising mental health awareness and promoting the mental wellbeing and welfare of club members. The club will educate club members on topics relating to mental health by bringing in guest speakers, and will bring awareness to the school by making and putting up posters around BISV, and will also host fundraisers for mental health charities. The MWA club will also introduce mental health volunteer opportunities to participants,

and will promote the mental well-being of club members through group discussions about mental health problems and stress-relieving activities and events.

51. MOCK TRIAL

Activity Organizer: TBD - This club will run if an advisor is identified. If one is not identified by August 14th, parents will be refunded for their registration

Dates: Tuesdays and Thursdays

Time: 4:00 PM–5:45 PM

Grades: 9–12

Cost: \$500

Note: If members participate in additional tournaments, competitions, or workshops, members will be responsible for those additional fees.

Description: Mock Trial allows students in grade 9 and above to learn more about the justice system, while also honing their oral presentation skills. Team members work together under the guidance of two attorney coaches over several months to prepare for trial: they develop case strategy, draft opening statements and closing arguments, write effective direct and cross-examinations, and create memorable witness performances. This work and preparation culminate in February at the Santa Clara County competition, where students make their way to the Santa Clara Superior Courthouse to compete against other Santa Clara County high schools.

52. MODEL UNITED NATIONS ►

Signed Agreement required! [View Agreement](#)

Activity Organizer: Mr. Lueders

Email: taylor.lueders@basisindependent.com

Dates: Wednesdays

Time: 4:00 PM–5:00 PM

Grades: 9–12

Cost: \$110

Description: Model United Nations simulates the United Nations and gives students opportunities to debate various world affairs ranging from climate change to nuclear armament. Our club welcomes all high school students who love to negotiate, debate, and collaborate with others. Throughout the school year, there will be many conferences hosted by local high schools and colleges such as Stanford University and UC Berkeley in which students can compete. Participating in Model UN is sure to enhance your communication, critical thinking, and negotiation skills.

53. MU ALPHA THETA CLUB ►

Activity Organizer: Ms. Gehlot

Email: sunita.gehlot@basisindependent.com

Dates: 1st and 3rd Tuesday of each month

Time: 5:00 PM–6:00 PM

Grades: 9–12

Cost: \$100

Description: Mu Alpha Theta is a prestigious mathematics honors society that provides a way to recognize high school students who enjoy and excel in mathematics. Through national conventions and competitive events, students are able to collaborate with peers within their school and across the nation to engage in mathematics. Additionally, through prestigious awards, scholarships, and grants, students will have the ability to be nationally acknowledged for their interests and talents. Within BISV, students will have the opportunity to participate in school-based challenges and activities to recognize the importance and usage of mathematics in our daily lives and to refine skills in math, logic, and problem solving.

54. NATIONAL ECONOMICS CHALLENGE

Activity Organizer: Dr. Wang

Email: zoey.wang@basisindependent.com

Dates: Wednesdays

Time: 4:00 PM–5:00 PM

Grades: 9–12

Cost: \$175

Description: This club prepares students to answer challenging economics and finance questions, competing in teams of four in both quiz-bowl competitions and test challenges. This club is a great opportunity for current AP Economics students to hone their skills, and for past students to reconnect with their love of economics! The competition culminates with a statewide Econ Challenge competition in the spring. If we have a team that qualifies through that test for the state finals, they will compete at the San Francisco Federal Reserve Bank in April. If that qualifying team wins the state round, they will have a chance to compete for a place in the National Finals. Teams are responsible for arranging their own transportation to any in-person events.

55. NATIONAL HISTORY BEE

Activity Organizer: Mr. Leuders

Email: taylor.lueders@basisindependent.com

Dates: 2nd and 4th Tuesday of each month

Time: 4:00 PM–5:00 PM

Grades: 6–8

Cost: \$100 (after qualification to represent BISV)

Description: The National History Bee is an academic competition for students in grades 5-8 that tests knowledge of a wide range of historical topics. Students in grades 5 and 6 will compete in the elementary competition, while students in grades 7 and 8 will compete at the middle school level. For all ages, the competition is divided into three distinct stages:

Stage 1: A school-administered Intramural Bee, which is a test that will determine the History Bee representatives for BASIS. The selected representatives must then take a mandatory Online Regional Qualifying Exam, which students take at school, under the supervision of a Sponsor.

Stage 2: The top students from the ORQE compete and travel to one of the 35 buzzer competitions across the United States called the Regional Finals. This tournament will be somewhere in the San Francisco Bay Area.

Stage 3: The top finishers from the Regional Finals are eligible to advance to the National Finals and compete for the title of National History Bee Champion! Tournaments have taken place in locations like Chicago, IL and Arlington, VA. Registration fees and travel expenses will NOT be handled by BISV.

Tentative Dates: Exact dates for the History Bee competition have not been made available. The Intramural Bee will likely take place in November and the Online Regional Qualifying Exam will likely be in December/January. Last year's Regional Finals took place in March and the National Finals took place in the beginning of June. Exact dates will be released as soon as they are available. Club practices will begin after the Intramural Tournament.

56. NATIONAL JUNIOR CLASSICAL LEAGUE

Requirement if taking the National Latin Exam: NJCL club membership is required to take the National Latin Exam in March, and is the only way that BISV students can take the exam.

Activity Organizer: Ms. Odell, Mx. Barnett, and Dr. Van Dusen

Email: heather.odell@basisindependent.com;
amber.barnett@basisindependent.com;
rachel.vandusen@basisindependent.com

Dates: 2nd Friday of each month

Time: 4:00 PM–5:00 PM

Grades: 6–12 (Latin Students)

Cost: \$75

Description: The BISV chapter of the National Junior Classical League has two main goals: 1) to foster students' enjoyment and appreciation of Roman society, and 2) to excel on the National Latin Exam (NLE), which takes place in March every year. Our monthly meetings each cover a topic related to the Romans, which may turn up on that year's exam. Topics include Roman mythology, spectacles like gladiator fights, and religious holidays like Saturnalia. Meeting attendance is encouraged, but optional; students do not need to attend meetings in order to take the NLE.

All club members are automatically registered to take the National Latin Exam at the appropriate level for their grade. The club will also sponsor the National Mythology Exam (NME).

57. NEURODIVERSITY OUTREACH CLUB

Activity Organizer: Dr. Allendoerfer

Email: karen.allendoerfer@basisindependent.com

Dates: 2nd and 4th Wednesday of each month

Time: 4:00 PM–5:00 PM

Grades: 9–12

Cost: \$150

Description: The purpose of Neurodiversity Outreach is to raise awareness about neurodiversity in the BISV community. Our club meetings include neurodiversity presentations and volunteer service projects. Our lectures and speakers will educate our students on neurodiversity and the volunteer opportunities will give them real-life experience in advocacy. These opportunities come from organizations like Peninsula Volunteers Inc. and Friends of Children with Special Needs – all of which are safe and carefully selected. All meetings will have activities planned; when there is no guest speaker, the club members will prepare presentations, Kahoot! games, and discussions.

The neurodiversity movement champions community inclusiveness, outreach, and understanding. Alongside

academic development, it's extremely valuable for us to develop as community-oriented individuals; moreover, Neurodiversity Outreach will give students leadership roles and broaden our horizons. Whether a student's interests are in STEM or humanities, any passion or skill set can help spread positivity and inclusiveness for neurodiverse individuals. Last year we worked with the Leadership Club at BISV to have Neurodiversity Week; through our club activities and school-wide event, we have received overwhelmingly positive feedback – students find meaning, growth, and value in joining Neurodiversity Outreach.

58. NEUROSCIENCE CLUB

Activity Organizer: Dr. Allendoerfer

Email: karen.allendoerfer@basisindependent.com

Dates: Thursdays until the end of Brain Bee Competition in January and then monthly

Time: 4:00 PM–5:00 PM

Grades: 8–12

Cost: \$175

Description: The Neuroscience club provides an opportunity for students to learn about and explore the field of neuroscience, while also preparing for the Society for Neuroscience Brain Bee competition. Specifically, the club will offer a series of lectures and review games regarding various neuroscientific concepts, as well as several immersive projects and labs. If school is in person as expected, rewards (candy) and dissection/lab equipment will be utilized (sheep brain and cow eye). We will also run our own in-house Brain Bee in preparation for the Bay Area competition (or as a replacement, as we did this year due to the cancellation of the Bay Area Bee because of COVID restrictions). During Brain Awareness Week, March 14–20, club members will prepare posters and/or talks to be shared with the BISV student body to increase awareness of neuroscience issues. This may be done in collaboration with the Neurodiversity Outreach club.

59. ORIGAMI CLUB

Activity Organizer: Weiling Li

Dates: Mondays

Time: 4:00 PM–5:00 PM

Grades: 6–12

Cost: \$50

Description: Students often develop anxiety and stress over the school year, and it is often to convey that to adults. Origami is a proven stress-relieving activity that we believe has helped us in our lives, and we would like to share the experience with others. The club will just be a place you can come to without having to focus on any troubles or worries. Activities that will take place in the club will be meant to relieve stress, such as origami, painting, seasonal crafts, among other various projects.

60. PHILOSOPHY CLUB

Activity Organizer: Benjamin Green

Email: bengreen54@gmail.com

Dates: Wednesdays

Time: 6:00 PM–7:00 PM

Grades: 8–12

Cost: \$50

Description: Learning philosophy can be life-changing, but it can also be fun. We want to give students a brief introduction to some of the major topics in philosophy in a way that they can absorb and enjoy. The club will cover a few different topics in philosophy each year, and the club members will discuss each topic in the meetings.

61. PHYSICS CIRCLE

Prerequisites: Entrance test is required. Algebra is required, calculus is preferred.

Activity Organizer: Lin Lu and Sharon Wang

Email: xiangyunw@gmail.com; raindroplink@gmail.com

Dates: Mondays

Time: 4:00 PM–5:45 PM

Grades: 9–12

Cost: \$150 to Club, \$100 to BISV

Description: This club will help students learn physics key concepts and problem solving skills to prepare for two physics competitions: F=MA (the first round of Physics Olympiad competition) and Physics Bowl. At each club session, the two external coaches with PhD in physics will give lectures on physics concepts and walk through useful techniques towards competition questions. Students can practice problems on their own, or work with peers under the guidance of the coaches. Experienced student mentors will assist coaches to help answer questions, lead breakout sessions to solve challenging problem sets together, and offer support to homework assignments. Members are encouraged to participate in competitions individually and/or in teams, representing the school at physics competitions.

Note that the F=MA exam takes place in January, and the Physics Bowl exam in April. Students who pass F=MA will be invited to take Physics Olympiad Competition. Top performers have the opportunity to join the Physics Olympiad team. The Physics Bowl is a single, written exam. The team score is calculated based on the top 5 scores of the school.

62. POLITICAL AND ENVIRONMENTAL ACTIVISM CLUB ▶

Activity Organizer: Dr. Van Dusen

Email: rachel.vandusen@basisindependent.com

Dates: 1st Tuesday of each month

Time: 4:00 PM–5:00 PM

Grades: 7–12

Cost: \$100

Description: This club aims to provide students with volunteer opportunities in the political and environmental realm that encourage them to become more involved and aware in an increasingly polarized world. This club would also participate in the recycling program at BISV and would provide a valuable service to the school, raising awareness about current environmental challenges and giving students and staff the opportunity to learn about the recycling program as BISV.

63. POLITICAL DISCOURSE CLUB

Activity Organizer: TBD - This club will run if an advisor is identified. If one is not identified by August 14th, parents will be refunded for their registration

Dates: 1st, 3rd, and 4th Friday of each month

Time: 4:00 PM–5:00 PM

Grades: 8–12

Cost: \$150

Description: Political Discourse Club is an open forum club for students to discuss current events, politics, media, etc. in a safe environment with their peers. Our target member is a BISV student who is open-minded, curious, and thoughtful, and who would like to have a platform in which to have open discourse about pressing social and political issues. Political Discourse Club will NOT be a politically affiliated club, and in fact will be the opposite of such a club. In the Political Discourse Club, students will listen to the opinions of their peers and grow as individuals and thinkers as a result.

64. PUBLIC SPEAKING ▶

Activity Organizer: Rose Institute

Email: rosedebate@gmail.com

Dates: Fridays

Time: 4:00 PM–5:10 PM

Grades: 6–12

Cost: \$594

Description: Transform your speaking skills in a thrilling club environment. This course serves as a great primer for those who want to participate in speech and debate in high school or those who simply want to improve their public speaking. The course includes: confidence building, platform speaking, interpretive speaking, interpersonal skills, drama, inter-school competitions (optional), and much

more. For nine years, Rose Debate has shared the world of speech and debate with middle and high school students in Silicon Valley. We are committed to growing our students in three important areas: CONFIDENCE, COMMUNICATION, LEADERSHIP.

Note: For new and returning students! Students will be given projects and assignments appropriate to their skill-level.

65. QUANTUM COMPUTING

Activity Organizer: Dr. Noble

Email: jon.noble@basisindependent.com

Dates: 1st and 3rd Wednesdays

Time: 4:00 PM–5:00 PM

Grades: 9–12

Cost: \$150

Description: The purpose of this club is to introduce the basics of Quantum Computing. Before starting on the actual material, we will be covering the basic skills of research. Then, in order to introduce students to the Quantum Field, we need to first explain the basics of Quantum Physics. After that, we will review the basic concepts of classical computing before diving into Quantum Computing. We will cover Quantum States, Quantum Circuits, Quantum Machine Learning, and optionally some Quantum computing algorithms. Finally, we aim to finish with an intra-club contest with students participating in group projects.

66. RED CROSS CLUB

Activity Organizer: Ms. Tamhane

Email: kirti.tamhane@basisindependent.com

Dates: 2nd and 4th Wednesdays of the month

Time: 4:00 PM–5:00 PM

Grades: 6–12

Cost: \$100

Description: The Red Cross club provides students with the unique opportunity to learn about and address community needs through various activities. Lessons include disaster preparedness and character-building activities and host many fundraisers and donations. One of the activities that we have is making small goodies bags to distribute to children's hospitals, nursing homes, or veteran homes during the holidays to brighten their day and show them our support as a community. We will introduce valuable principles such as compassion, collaboration, independence, and voluntary service. Members will be given leadership opportunities, allowing them to build confidence and teamwork skills while making new friends and interacting with different people such as the elderly or younger kids. Lastly, we will encourage students to volunteer to build their compassion and empathy, which will further allow them to make a

difference within their community. Red cross teaches students that even small gestures can make a large impact on the community!

67. ROBOTICS CLUB

Statement of Commitments Required!

Students entering Grade 6, and students with no experience with Robotics, should contact the coaches to schedule mandatory assessment. Registration link will be provided once assessment and statement of commitments are completed. [View Statement of Commitments](#)

Activity Organizer: Mr. Adams and Dr. Noble

Email: kevyn.adams@basisindependent.com;

jon.noble@basisindependent.com

Dates: Tuesdays and Thursdays

Time: 4:00 PM–6:30 PM on Tuesdays (No leaving early and no bus); 4:00–5:00 PM on Thursdays

Grades: 6–12

Cost: \$1200 (There will be various costs associated with traveling to competitions).

Description: The Robotics Club seeks to build a culture of teamwork, empower young leaders and develop students for various team roles. Robotics teams need contributions beyond the designing, building, coding and driving; we seek members who may also be uniquely skilled at art, graphic design, crafting, public speaking, community outreach and technical writing. These specialties combine to create a well-balanced team with a multidimensional learning environment. If you are new to the robotics world, this is a great opportunity to become familiar with leading robotics organizations. Mastery of robotics takes many years and every year of robotics experience rewards students with a greater skill set on multiple fronts. Those who are eligible for competitions will sign a statement of commitment. Competitive robotics requires a large dedication of time and teams are encouraged to have weekend meetings, especially early in the season. Robotics opens the gateway to professions that, launch and land rockets; explore, dig and fly on mars; manufacture cars and electronic devices; or automate food production for millions.

68. ROTARY INTERACT CLUB ►

Activity Organizer: Mr. Ross

Email: andrew.ross@basisindependent.com

Dates: 1st and 3rd Fridays of each month

Time: 5:00 PM–6:00 PM

Grades: 7–12

Cost: \$50

Description: Rotary Interact club organizes at least two projects every year, one that helps our school or community and one that promotes international understanding. Rotary club sponsors mentor and guide Interactors as they carry

out projects and develop leadership skills. Celebrate the global impact of Interact by getting involved in:

- › World Interact Week
- › Interact Video Awards
- › Rotary Youth Day at the United Nations
- › Global Youth Service Day

69. SCIENCE OF ANIMATION ►

Activity Organizer: EnActe Arts

Email: esod@enacte.org

Dates: Wednesdays

Time: 4:00 PM–5:00 PM

Grades: 6–12

Cost: \$1200

Description: Students will be provided with access to software that will give them the tools to make an animated short film in this immersive course! This includes writing the script and designing the animated puppets. In creating their custom puppets, students will understand programming, algorithms, logic, and the mechanisms of modern animation. Ultimately, each child will be able to bring life to their puppet, animating them with their own movements and webcam-captured dialogue. This highly technical course is for any child who is fascinated by the computer science behind the art of animation! FINAL PROJECT: an animated short film written, directed, and animated by the student!

70. SCIENCE OLYMPIAD CLUB

Assessment required prior to registration, and please fill out the interest form [HERE!](#)

Activity Organizer: Irene Liu (Division C) and Namrata Choudhury (Division B)

Email: bisv.so.divc@gmail.com (Division C); bisv.so.divb@gmail.com (Division B)

Dates: Tuesdays (1st and 3rd Tuesdays for Division B, and 2nd and 4th Tuesdays for Division C)

Time: 4:00 PM–5:00 PM

Grades: 7–9 in Division B, and 10–12 in Division C

Cost: \$180 to Club; \$110 to BISV (There will be various costs associated with traveling and participating in competitions.)

Description: Science Olympiad Club educates and inspires students in all STEM (science, technology, engineering and math) disciplines through hands-on activities and learning. The tournament consists of 23 events covering a range of topics, including biology, physics, earth science, engineering, and technology. The club encourages a wide array of students of all interests, to get involved. Members will have the opportunity to compete at annual Invitationals, Regional and State tournaments. Since this club is run by parent volunteers,

parent participation is required. The cost of membership covers the school facility, an advisor, and tournament fees but does not include event material fees. The material fee can vary depending on the member's event assignment.

71. SPEECH AND DEBATE

Time: 5:00 PM–7:00 PM

Grades: 6–12

Cost: TBD - Speech and Debate is still under contract negotiation. The club will definitely occur this school year. Those interested in joining the club please fill out this [LINK](#).

72. TED ED STUDENT TALKS

Activity Organizer: Ms. Myers

Email: leigh.myers@basisindependent.com

Dates: 4th Friday of each month

Time: 4:00 PM–5:00 PM

Grades: 9–12

Cost: \$32

Description: The TED-Ed Student Talks Club will serve as a platform for students to create TED-style talks while honing their public speaking and critical thinking skills. During the course of this program, club members will explore a variety of topics of interest, participate in engaging activities, and create TED-style talks that can be shared with the BISV community.

73. VOICE ACTING FOR ANIMATION ►

Activity Organizer: EnActe Arts

Email: esod@enacte.org

Dates: Thursdays

Time: 5:00 PM–6:00 PM

Grades: 6–12

Cost: \$1900

Description: In this course, students will develop a character through physicality and vocality, learning empathy, immersion, and articulation. Then, they will be recorded virtually in sync with a pre-animated piece, and their voices dubbed (using ADR - automated dialogue replacement) onto the clip. This class teaches them the process of animation (providing a general overview of the technology) and sound recording, as well as aids in performance as well. Final Project: A short clip featuring an animated character speaking with their voice!

74. WEB DEVELOPMENT CLUB

Activity Organizer: Robert Hu

Dates: Mondays

Time: 4:00 PM–5:00 PM

Grades: 8–12

Cost: \$100

Description: The Web Development Club will allow students to go more in depth into the world of Front-end development with HTML, CSS, and Javascript. In addition to backend material

from NodeJS to APIs and even Databases. The purpose of this club is to highlight the relevance and importance of web development in an age of website builders. So many people want to build websites for certain applications and yet they want to look professional and not use a website builder. This course is a great way to understand how the web actually works and be able to use this skill to potentially develop their own websites in the future.

75. WEB3

Activity Organizer: Rahul Sharma

Email: rahulssid@gmail.com

Dates: 2nd and 4th Wednesdays of each month

Time: 4:00 PM–5:00 PM

Grades: 8–12

Cost: \$200

Description: Web3 is an evolution of the World Wide Web that brings in blockchain technologies and decentralization. While crypto currencies (Bitcoin, Ethereum) garner lots of attention because of increasing prices, Web3 adds self-owned identities, crypto wallets, non-fungible tokens (NFT), decentralized finance etc. as fundamental building blocks of web. These technologies will have a profound impact on how we use the web for learning, information, finance, business etc. Web3 Club will focus on having students learn about Web3 and associated technologies. Each session will focus on specific areas, going from introductory material to more advanced. Students will also do hands-on projects with Web3 technologies, and will get to play with crypto currencies, NFTs, and decentralized identities. This club will meet every 2nd week for one hour.

76. WOMEN'S EMPOWERMENT CLUB

Activity Organizer: Ms. Mujic

Email: irma.mujic@basisindependent.com

Dates: 3rd Tuesday of each month

Time: 4:00 PM–5:00 PM

Grades: 6–12

Cost: \$115

Description: Our club's main goal is to provide a comfortable and supportive environment for everyone. We will work together to empower women and advocate for women's rights via grassroots lobbying (directly reaching out to our elected officials!) and creating posters. We will invite women in STEM and politics to talk about their careers and how they overcame barriers to achieve success and share their expertise with us. We will fundraise for causes that support disadvantaged women and provide volunteer opportunities for our members.

INVITATION – ONLY PROGRAMS

(VIDEOS NOT AVAILABLE FOR THE BELOW PROGRAMS)

A. FRENCH NATIONAL HONOR SOCIETY

Activity Organizer: TBD

Description: French Honor Society or Societe Honoraire de Francais (SHF) is a branch of the American Association of Teachers for French (AATF), which is currently the largest national association of French teachers. The BISV SHF chapter will help students gain recognition for their outstanding efforts in French class while enhancing their French-speaking skills and understanding of French culture. Furthermore, AATF hosts several French contests including a Creative Writing contest. This club is open to students in grades 10 through 12. They must have a GPA of 3.0 or higher. They must also have an A- (90%) or higher average in their current French class.

B. NATIONAL ART HONOR SOCIETY

Activity Organizer: Mr. Ear

Description: NAHS is an art club that connects our BISV chapter with other high school chapters and professionals that are members of NAHS. As members, we engage in art related community service projects and have opportunities for scholarships and national recognition. Students must maintain a 3.0 GPA minimum and have a strong interest in the visual arts to participate.

C. NATIONAL JUNIOR HONOR SOCIETY

Activity Organizer: TBD -

Description: The National Junior Honor Society is an honors organization for students in grades 7 - 9 focused on academic skills and community service. Membership to this organization comes from an invitation to apply based on academic performance. NJHS students will participate in a variety of community service activities, both in and outside of school, while also developing leadership and citizenship skills.

D. NATIONAL HONOR SOCIETY

Activity Organizer: TBD -

Description: National Honors Society is an Honors Organizations focused around academic skills and community service. Membership to this organization comes from an invitation to apply based on academic performance. Students will participate in a variety of community service activities, both in and outside of school, while also developing leadership and citizenship skills. NHS works with students in grades 10-12. (Grade 9 students are not eligible for membership because of NHS guidelines.)

APPENDIX

Sports Calendar Fall 2022–2023

SPORT TYPE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
(Boys/Girls) Table Tennis (Grades 6–12) Aug. 22–Nov. 4					4:00–5:00 PM BISV	
(G) Volleyball* (Grades 9–12) Aug. 22–Oct. 21		4:00–5:00 PM BISV	4:00–5:00 PM BISV	4:00–5:00 PM BISV		
(Boys/Girls) Cross Country (Grades 6–12) Aug. 22–Nov. 4		4:15–5:15 PM Bramhall Park	4:15 –5:14 PM Bramhall Park	4:15–5:15 PM Bramhall Park		
(Boys/Girls) Spirit Squad (Grades 9–12) Aug. 22–Oct. 21			4:00 –5:00 PM BISV			
(Boys/Girls) Badminton Aug. 22–Nov. 6	4:00–5:00 PM BISV					
(Boys/Girls) Tennis-Advanced (Green/Yellow) Aug. 22–Nov. 6					4:00–6:00 PM (Green/Yellow) SJSRC	1:00–3:00 PM (Green) 3:00–5:00 PM (Yellow) SJSRC
(Boys/Girls) Tennis-Intermediate (Orange) Aug. 22–Nov. 6						11:00AM–1:00PM SJSRC
(Boys/Girls) Tennis-Novice (Red) Aug. 22–Nov. 6						12:00–1:00 PM SJSRC

Locations:

Bramhall Park (Willow Street Frank Bramhall Park): 1320 Willow St, San Jose, CA 95125

San Jose Swim and Racquet Club (SJSRC): 1170 Pedro St, San Jose, CA 95125

Important Note: All sport activities will not be held on school breaks & holidays, 4:00 PM closure days, and early dismissal days. Please see the school calendar at the end of this packet for reference.

APPENDIX

Create a Club of Your Interest



YOU HAVE THE POWER TO CREATE YOUR OWN!

Here is how:

1. Select an advisor (a teacher, teaching fellow, and/or a parent) willing to accept the leadership position
2. Student(s) submit a Club Proposal, to the advisor and must include the following:

WHO: Who is the advisor(s)? Who is involved, served, eligible?

WHAT: What is the purpose/description for hosting this club? What are the expenses, materials/ resources/supplies needed (all costs need to be accounted for)? What are the minimum and maximum number of students needed to hold this club?

WHERE: Where would this club take place? On campus, off-site, etc.?

WHEN: When would the club meet? How often (weekly, biweekly, monthly, etc.)? Is there a deadline? Is it seasonal?

WHY: Why should BASIS Independent Silicon Valley offer this club?

3. Advisor reviews the Club Proposal, provides feedback to student(s), and submits an online Club/Sport Information Sheet to the Director of Auxiliary and Summer Programs, Ms. Graves. (For parent-advised clubs, the auxiliary department will complete the online Club/Sport Information Sheet)
4. Club Proposal and online Club/Sport Information Sheet will be reviewed, and either approved or denied by school administration. The auxiliary team will contact the club advisor with further steps.

Please note: BASIS Independent Silicon Valley will not host religious or politically affiliated clubs.