



Galileo Academy of Science and Technology





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About Galileo Academy of Science & Technology

School Description and Mission Statement

Galileo Academy of Science & Technology’s mission is to provide equal access to all educational programs and ensure success for all students. The programs challenge and support students in achieving high levels of academic success while preparing them to be successful in college and career. Galileo provides extensive Honors, Advanced Placement, English Language Learner (ELL), and Special Education programs. In addition, students can choose to participate in an Academic Academy (small learning communities) or Pathway: Health (GHA), Information Technology (AoIT), Hospitality and Tourism (AoHT), Digital Media Arts, Biotechnology, and Environmental Science. The Wellness Center provides comprehensive mental and physical health services. After school programs include sports, arts, and tutoring. SUMMER-FUNd provides opportunities to broaden students’ knowledge through a variety of summer programs around the world.

Galileo Academy of Science & Technology is located in the historic north end of San Francisco. Galileo currently has a staff of more than 120 and serves over 2,000 students. It is one of eleven comprehensive high schools in the San Francisco Unified School District. Established in 1921, Galileo offers curriculum that emphasizes excellence in core and elective subjects in English, Mathematics, Social Science, Science, World Languages, Visual and Performing Arts, Physical Education, and Applied Sciences and Technology. A Digital High School Installation Project was completed in 2003, and in 2005 Galileo received the award for Exemplary Career Technical Education Program. The school is networked with computers in all classrooms and has seven fully-equipped computer labs for high level learning using the latest information technology. Due to the strong academic program, the school was awarded the California Distinguished School

Award in 1996 and 2005. In 2005 Galileo also received an award for being an exemplary technology school. In 2008 AoIT was designated an ASPIRE Design Studio Academy by the National Academy Foundation (NAF). Galileo holds the third highest API score within the San Francisco Unified School District and is now attracting more high performing students from all over San Francisco. Galileo is also recognized as one of the most promising urban schools by the International Center for Leadership in Education (ICLE).

Academies and Pathways

Students in their sophomore, junior and senior years can participate in one of the five career pathways or academies. In small learning communities, students choose to take a particular elective class that is paired with one or two core academic classes. Biotechnology is paired with English; Health with English; AOIT with English and Social Studies; and AOHT with Math. In addition to the academies and pathways, students can choose to be in the Chinese Immersion program or in the Advancement Via Individual Determination (AVID) program. Both programs are integrated into their school day, and are 4-year long programs.

Socio-Economic Diversity

Galileo has a diverse student population, the majority of which are eligible for free or reduced lunch. Presently, 39% receive free lunch and 16% receive reduced lunch.

Ethnic Distribution

<i>Racial/Ethnic Category</i>	<i>Num. of Students</i>	<i>Percent of Students</i>
African-American	122	6.1
Chinese-American	1230	61.0
Filipino-American	99	4.9
Asian-American Other	23	1.1
Hispanic/Latino	203	10.1
White	76	3.8
Other	262	13.0

API Score

742

API Ranking

Statewide: 8, Similar Schools: 7

Comparison of High School Graduation Requirements & College Entrance Requirements

High School Subject Area	SFUSD High School Graduation Requirements	University of California (UC) California State University (CSU) Requirements a-g
Social Science	3 years	a. 2 years (3 years recommended)
English	4 years	b. 4 years
Mathematics (College Prep)	2 years	c. 3 years (4 years recommended minimum level – Adv. Algebra)
Science	2 years	d. 2 years (at least 1 Physical Science and 1 Biological Science, 3 years recommended)
World Language	1 year	e. 2 years, same language (3 years recommended)
Visual/Performing Arts	1 year	f. 1 year (same Visual/Performing Art)
Physical Education	2 years	N/A
Other Graduation Requirements	1 additional year of College Prep Math or Science, Health Education, College Career Planning, Elective Course	g. 1 year (a-g courses)
Testing	Pass the California High School Exit Exam (CAHSEE) Swimming	<ul style="list-style-type: none"> • UC: SAT Reasoning and/or ACT SAT Subject Tests (2 different subjects) • CSU: SAT Reasoning and/or ACT

Students Must Have a Minimum of 230 Credits to Graduate.

UC and CSU Science Requirements

Students must select at least 1 Life Science and 1 Physical Science course for UC or CSU.

Note: 9th grade Integrated Science and Environmental Science are electives, not Lab Sciences.

Life Science	Physical Science
Biology	Chemistry
Biology AP	Chemistry Honors Chemistry AP
Physiology	Environmental Science AP
Biotechnology	Physics Honors Physics AP

Bell Schedule

Monday	Tuesday	Wednesday	Thursday	Friday
1 8:00-9:00	1 8:00-8:39	SSR (8:00-8:15)	SSR (8:00-8:15)	1 8:00-8:59
2 9:05-10:05	2 8:44-9:23	1 8:00-10:00	2 8:00-10:00	2 9:06-10:05
3 10:10-11:10	3 9:28-10:07	HR (10:05-10:25)	HR (10:05-10:25)	3 10:10-11:10
4 11:15-12:20	4 10:12-10:51	SSR (10:30-10:45)	SSR (10:30-10:45)	4 11:15-12:20
Lunch 12:20-1:00	Lunch 10:51-11:31	3 10:30-12:25	4 10:30-12:25	4 11:15-12:20
5 1:05-2:05	5 11:36-12:15	Lunch 12:25-1:05	Lunch 12:25-1:05	Lunch 12:20-1:00
6 2:10-3:10	6 12:20-1:00	SSR (1:10-1:25)	SSR (1:10-1:25)	5 1:05-2:05
	Professional Development	5 1:10-3:10	6 1:10-3:10	6 2:10-3:10



Code of Conduct

- 01 Be prepared to work.
- 02 Arrive to class on time.
- 03 Enter and exit the classroom appropriately.
- 04 Use appropriate language.
- 05 Follow all classroom rules/expectations.
- 06 Wear appropriate clothing. (NO gang colored attire, short shorts/skirts, exposed undergarments)
- 07 No inappropriate objects exposed or heard during class. (cell phones, iPods, electronic devices, hats/du-rags, magazines, combs, makeup, etc...) Galileo staff reserves the right to confiscate items listed above.
- 08 Get permission and a pass before leaving the classroom.
- 09 Be respectful of school property and grounds.
- 10 Cooperate with the instructions of all school staff.

Citizenship Policy

The Citizenship Policy applies to all classes including homeroom/advisory.

E (Excellent) = Student displays exceptional behavior and attitude. Student always arrives to class on time and prepared, participates, and follows the teacher's expectations and rules.

S (Satisfactory) = Student is frequently on time and prepared. Frequently is defined as 85-90% of the time. Student follows class rules, expectations, and procedures.

W (Warning) = Student is typically tardy and/or absent. Typically is defined as 85% or below. Student's classroom attitude and behavior make it challenging for the teacher to teach and the other students to learn.

Unsatisfactory Behavior Chart

Behaviors/Actions that Earn a "U"	The amount of time the behavior/action has to occur to earn a "U"
Using profanity, disrespectful language, or rudeness towards a teacher, staff member, or another student.	1st time - student apologizes 2nd time - student earns a "U" First offense can result in a "U" depending on the severity of the situation.
Defiance, off-task behavior, not participating in class activities, or not cooperating with the teacher.	3rd time - student earns a "U"
Cutting/unexcused absences or tardies to 1 or more classes, including homeroom/advisory . <i>Unexcused is defined as a tardy or absence not cleared by the attendance office or a pass from a teacher.</i>	3 unexcused absences - student earns a "U" 6 unexcused tardies - student earns a "U"
Use of electronics in or out of the classroom during class time or homeroom	2nd time - student earns a "U"
Damaging classroom property	1st time - student earns a "U" and will be held liable for the damages

If a student receives 3 or more "U"s in a marking period the student is NOT allowed to participate in the following activities for the next six week marking period.

- Dances (including prom), field trips, athletic practices/games/meets/matches, senior activities, Galileo sponsored afterschool activities

Academies, Pathways, and Special Programs Overview

Academies				
	AOIT	Biotechnology	Health	AOHT
	Academy of Information Technology	Biotechnology	Health Careers Exploration	Academy of Hospitality and Tourism
Courses taught in cohort	*Computer Technology *English *Social Studies	*Biology *Biotechnology *American Literature	*Medical Terminology/ Careers *English	*Hospitality and Tourism *Finite Math (Advanced Algebra) *Prob& Stats
What students study	*Microsoft Certification *JAVA Programming *Video Game Programming	*Concepts and skills used in local research laboratories in the field of biotechnology	*Medical career exploration *Medical terminology *Emergency medicine	*Hotel Management *Business etiquette *Sports entertainment *Event planning
Unique opportunities for students	*Summer internships *College credits *3 year program	*Summer internships *College credits *2 year program *Field trips	*Summer internships *College credits *Field trips *2 year program	*Summer internships *Field trips *2 year program
Grade Level	10, 11, and 12	11 and 12	11 and 12	11 and 12

Pathways		Special Programs		
	Digital Media Arts	Environmental Science	AVID	Chinese Immersion
	Digital Media Arts	Environmental Science	Advancement Via Individual Determination	Chinese Immersion
Courses taught in cohort	*Computer Arts prerequisites *Media Arts	*Science prerequisites *Environmental Science	*AVID *AVID content area classes *AP/ Honors courses	*Chinese *Information Technology *World History
What students study	*Web design *Media Arts *Broadcasting (GHouse TV) *Documentary film-making	*Fundamentals of environmental science and ecology *Modern field techniques and technology **"Green"	*College Prep including organizational, writing, critical thinking skills *Students stay together with a teacher for four years	*Classes taught in Chinese *Students learn Mandarin
Unique opportunities for students	*UC/ CSU approved *2 year program	*Fall internships *College credits *Field trips *2 year program	*UC/ CSU approved *Field trips to colleges *4 year program	*4 year program
GradeLevel	10 and 11	10,11 and 12	9,10,11 and 12	9,10,11 and 12

Academy of Information Technology

Our Mission

The mission of the Academy of Information Technology at Galileo is to prepare students for college and career success through a program of integrated curriculum.

How It Works

Students in AOIT take a technology elective class, and also have their English and Social Studies classes together. The teachers work to build projects and skills across the curriculum -- together we form a small learning community.

Courses Students Take in a Cohort		
Grade 10	Grade 11	Grade 12
Microsoft Certification	Intro to Computer Programming	AP Computer Science
10th Grade English	American Literature	European Literature
Modern World	U.S. History	Economics/ American Democracy

Intro to Programming

Intro to Problem Solving; Engineer & Design of Computer Programs focused on Video Game Development; Adobe Flash ActionScript; Autodesk Maya; Character Development & Team Projects.

AP Computer Science/Java programming

Prep for College Board Advanced Placement Computer Science Exam; APCS Java Subset; Object-Oriented Programming; Algorithms; Arrays; Searching & Sorting.

AOIT Teachers

English

Ms. Mar-Beshears
Ms. Peters

Social Studies

Mr. O'Connor
Ms. Ly
Mr. Phelps

Technology

Mr. Chun

Our Industry Partners

IBM San Francisco, Adobe Software, Pearson Foundation, City College of San Francisco, Jobs for Youth & School-to-Career Regional Occupation Program, National Academy Foundation,

ASPIRE, Educational Video Center, plus guest instructors & field trips with Lucas Film, Electronic Arts, Apple Computer, Adobe, and the San Francisco IT Pathway Advisory Board.

Opportunities...

- Paid Summer Internships that earn high school credits
- Earn concurrent college & HS credits in CCSF computer classes
- Industry professional e-mentors from IBM SF
- Guest instructors & speakers from computer and media arts industries
- Be part of a small learning community with a dedicated team of teachers

“The time has come to teach our children what no one knew yesterday and prepare our schools for what no one knows yet.”

-Margaret Mead

Academy of Information Technology at Galileo is a member program of the National Academy Foundation (NAF), sponsored by the San Francisco Unified School District Career Technical Education Department.

For Information about contact:

Ben Chun
749-3430 x3111
chunb@galileoweb.org

Academy of Biotechnology

Why Biotech?

- Students at Galileo work with the same technology used in the industry.
- 35% of all the world's biotech companies are in the Bay Area
- Get a jump start on your career
- \$5.8 billion in payroll
- 80,000 jobs
- 800 companies

Learn

- Transformation
- Electrophoresis
- Polymerase Chain Reaction
- Immunological Techniques
- Harvest DNA
- Interpret a crime scene (be a forensic scientist)
- Clone bacteria
- Control a gene
- Combine DNA from 2 different living things
- Design your own cloning project where you set up the experiment like the REAL SCIENTIST do!!

Academy Prerequisites

- A passing grade in Algebra
- A "C" or better in Biology
- A passing grade in Chemistry or concurrently enrolled in Chemistry
- A good attendance record

Coursework Sequence

- 9th Grade** Biology
- 10th Grade** Chemistry
- 11th Grade** Principles of Biotechnology
- 12th Grade** Advanced Biotechnology

Benefits of Biotechnology Pathway

- Knowledge of the basic concepts and skills used in labs and biotechnology companies.
- Opportunities for Internships.

For more information contact:

Stan DeBella
749-3430 x3103
debellas@galileoweb.org



Galileo Health Academy

Designed for students interested in health or pursuing careers in health.

What is the Galileo Health Academy?

The GHA (Galileo Health Academy) is a program designed to teach students science and to explore careers in the health field through hands-on education and cross-curricular assignments. GHA places students in a hands-on and engaging learning environment, which often improves academic performance and behaviors at school. Students receive double high school science credit, concurrent college credit and notable experiences worthy of any college or high school application. Health Academy students also gain access to mentors, internships, tutoring, and engaging context.

Who is involved?

The GHA is an ongoing collaboration between Science teachers and English teachers at Galileo Academy, The School to Career office of the SFUSD, City College of San Francisco, California Pacific Medical Center and Community Education Services. Benefits for GHA students:

- Receive double high school science credit towards graduation.
- Receive 10.5 CCSF units by the end of the program.
- Receive child, infant, and adult CPR certification.
- Attend fieldtrips to Fire Station 13, 911 Dispatch Center, and ER.
- Explore careers in health career.
- Become eligible for paid internships at CPMC.
- Participate in a "small learning community."
- Learn the relevance of cross-curricular assignments make learning relevant.

Who can apply?

Any Galileo student can apply the spring semester of their sophomore year. The program starts the fall of the student's junior year.



Course Overview

Courses are taught at Galileo and students receive college credit.

Junior Year -- Required Coursework

Health Careers and Exploration

Course designed to help students explore careers in health. Students gain hands-on experience, visit CPMC hospital weekly, and receive college and career counseling. Students will also be concurrently enrolled in a 3-unit CCSF medical terminology course through City College.

English-American Literature

Juniors are enrolled in the same English class. This allows teachers to support the students academically and socially through cross-curricular assignments.

Senior Year – Required Coursework

Physiology/Emergency Medicine

Course focuses on the principles of human anatomy, physiology, and emergency medicine. Students become eligible for Emergency Medical Technician Certification. Students will also be concurrently enrolled in a 7.5 unit EMT course through City College of San Francisco.

English-European Literature

Seniors are enrolled in the same English class. This allows teachers to support the students academically and socially through cross-curricular assignments.

For more information contact:

Richard McDowell
749-3430x3105
mcdowellr@galileoweb.org
www.galileoweb.org/healthacademy

Academy of Hospitality & Tourism

FACT: Over 12 million Americans are working in the Hospitality & Tourism industry and the field is projected to expand over 17 percent by 2012.

AoHT Mission

Galileo AoHT seeks to prepare students for college, work, and citizenship through rigorous and engaging projects that connect to real issues in the hospitality and tourism industry.

What is AoHT?

The Academy of Hospitality and Tourism (AoHT) is an outstanding program for Galileo Academy students in grades 11-12 who want to enhance their high school career with a "real world" experience. AoHT features a dynamic cluster of elective and core academic courses that focus on one of the world's largest and fast-growing industries: Hospitality & Tourism.

Location, Location, Location

Galileo is situated right next to San Francisco's top tourist sites (Fisherman's Wharf, Pier 39 and Golden Gate Bridge) making it an ideal place for AoHT. These sites offer immense opportunities for business partnerships, internships, field trips, and local community involvement.

Hospitality & Tourism: A Hot Career Field

The Hospitality & Tourism Industry includes:

- Business Management
- Human Resources
- Event Management
- Marketing
- Finance & Economics
- Computer & Systems Engineering
- Travel Planning
- Sports & Entertainment

Unique Opportunities

AoHT provides students with unique opportunities that give them a head start on college and careers:

- Preparation for college and work
- College level courses
- Interesting courses and teachers
- Hands-on projects that matter
- Summer internships
- Practical experience in the business world
- A caring learning community

Working with Business Partners

Academy business partners provide student internships, job shadowing opportunities, guest speakers, and a number of other supports to the program. AoHT students work closely with our primary business partners:

- Sara Lee Corporation
- The Chancellor Hotel, Union Square
- San Francisco Visitors and Convention Bureau
- Palio D'Asti Restaurant

Join the AoHT Team

AoHT is more than a set of elective courses. It's a team of dedicated teachers, counselors, and students who work together on real-world projects such as:

- Regular field trips to local businesses
- Summer internships for juniors
- Organizing community/school events

"In AoHT I learn of the importance of the food and beverage industry and bits of the marketing industry and how they promote and target people."

- Ronald Xiao, Junior AoHT student

"I loved going on fieldtrips and actually being able to see in real life what we have been talking and learning about in class."

- Dijana Hrcic, Junior AoHT student

"What I learned from one of the guest speakers is that 'Life is not about what you know, it is about who you know.'"

- Hansel Caudillo, Junior AoHT student

The Internship Experience

In the summer after their junior year, all eligible AoHT students participate in internships with area businesses in the field of hospitality and tourism. All of these internships are paid positions. In addition to earning valuable real-world experience, internships can serve as a key element of a solid college application.

For more information contact:

Kathleen Golata
749-3430 x3453
golatak@galileoweb.org

Sample Schedule

Grade 11

American Literature or ELD
Chemistry
US History
Spanish 1, 2

AoHT Courses:

Algebra 2 / Finite Math (for AoHT)
Introduction to Hospitality & Tourism

Grade 12

English/European Literature or ELD
Health/ Drivers ED/ Career
American Democracy
Spanish 3,4

AoHT Courses:

Statistics (for AoHT)
Hospitality & Tourism Systems

Digital Media Arts Pathway



Why Computer Graphics: Why Websites? Why Video Productions? Why Multimedia?

21st Century businesses need workers who can use the most current technology to convey information.

These classes are not about which keys to hit on a computer keyboard. Digital & Media Pathway students will understand how to approach new computer applications, how to process and present information, and how to use design and creativity to communicate ideas.

Year One: Web Design

Students will learn to use Photoshop for image creation and manipulation, HTML and CSS to build webpages, Dreamweaver to manage websites, and Flash to add movement and interactivity to their creations. Students will also work on teams to build large-scale web projects and gain experience with teamwork, problem solving and responsibility. This is a hands-on class available for Galileo 10th and 11th graders.

Year Two: Media Arts

Students will use camcorders and Adobe Premiere software to create short videos for self-expression, to expand their knowledge of social issues, and to serve the school community. Students will also gain understanding of film as an art form and of media literacy for our media-saturated society. Teamwork, leadership and creative problem solving are also key aspects of this hands-on class. Prerequisite: Web Design or Instructor's Approval.

ART IS WHAT WE DO

COMPUTERS ARE WHAT WE USE

COMMUNICATION IS WHAT WE LEARN

Students create websites and animations.
Students videotape school activities & make their own movies.
Students are in charge of G-House broadcasts.
Students learn teamwork, solve problems, and meet deadlines.

A Fine Arts Pathway for the 12th Century

The classes in Galileo's Digital Arts & Media Pathway are accepted for Fine Arts Credits by the University of California.

Galileo's Digital Arts & Media Pathway uses state-of-the-art Adobe Software. Adobe has supported our students throughout its Youth Voices initiative since Fall 2005 with donations of software, guest instructors, professional development and money. Work by Galileo students has been screened and distributed by Adobe Youth Voices around the world.

For more information contact:

Mr. Machtay
749-3430 x3101
machtayh@galileoweb.org



Environmental Science Pathway

What is the Galileo Science Environmental Pathway?

The Environmental Science Pathway is a two-year program for students in 11th and 12th grades that want to develop their skills in understanding, preserving and protecting the environment.

The Pathway offers unique experiences designed to support and promote the study of the environment and environmental careers.

Pathway students have opportunities to:

- Engage in weekly field trips
- Participate in internships
- Receive training in the use of state of the art scientific equipment and techniques
- Collaborate with professional scientists
- Design and present scientific research projects
- Acquire practical experience with environmental careers

Hands On Curriculum

The Environmental Science Pathway teaches students to be responsible community members. Students become environmental experts by studying concerns that harm and help our planet. Through the incorporation of lab activities, weekly on-site fieldwork in the Presidio National Park, classroom lectures and discussions, the curriculum offers a wide variety of experiences that are not traditionally found in most science classes.

Program Goals

1. To teach students the fundamentals of environmental science and ecology.
2. To develop stewardship.
3. To understand interconnections between humans and the environment.
4. To expose students to environmental careers.
5. To train students in the use of modern field skills and technology:
 - Global Positioning System
 - Chemical Test Kits
 - Electronic Monitoring Probes
 - Plant Identification
 - Habitat Assessment
 - Computer Graphing
 - Computer Data Analysis

Pathway Schedule Requirements

- 9th or 10th grade - Biology
- 11th grade - Advanced Environmental Science
- 12th grade – Environmental Internship/ Advanced Placement Environmental Science

Students enrolled in Environmental Science Pathway receive:

- 5 extra high school science credits
- 1-2 college credits through CCSF
- Opportunities to apply for Internships

Partnerships

Galileo Academy has formed partnerships with:

- Crissy Field Center
- Urban Watershed Project
- National Park Service
- Presidio Trust
- US Environmental Protection Agency
- National Oceanic and Atmospheric Administration

Each of these organizations contributes to the development of the academic and experiential components of this environmental science program.

All students are welcome to apply to the Environmental Science Pathway.

For more information contact:

Lisa Franzen
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franzenl@galileoweb.org





AVID (Advancement Via Individual Determination)

What is AVID?

AVID is a regularly scheduled elective class that prepares students with academic potential for a four-year college.

The mission of AVID is to ensure that students will succeed in:

1. A rigorous curriculum
2. Mainstream activities of the school
3. Enrollment in four-year colleges
4. Becoming educated and responsible participants and leaders in a democratic society

Through extensive case management, support groups, academic advocacy, career counseling, and more, students will get the necessary help to handle barriers to academic success, increase their engagement with school, improve their attendance and school performance, and develop skills for navigating the school system and support services.

AVID Works

California AVID Graduates:

- 95% are enrolled in a college or university
- 71% are attending a four-year college
- 24% are attending a two-year college
- 75% of the graduates are working either full or part-time to fund their college experience

What are the Expectations for AVID Students?

AVID Students are expected to maintain at least a "C" average in scholarship and citizenship, to study a minimum of two hours a night, to enroll in college preparatory classes, and to attend a four-year university.



What Happens in the AVID Program?

The AVID Program is three-pronged; in the AVID Elective class, students:

1. Receive academic instruction in writing, note-taking, studying, test-taking, and organization
2. Receive academic support from tutors through collaborative groups and peer tutoring
3. Are motivated to pursue academic excellence through cultural and college field trips, guest speakers, and AVID team building

How do you Recognize an AVID Student?

The AVID student carries a notebook, takes notes in ALL classes, is prepared for class, is a positive role-model for other students, and is on-track for college.

For more information contact:

Lauren Choi-Dea
749-3430 x3241
choideal@galileoweb.org

Websites

AVID Official Website	www.avidonline.org
Galileo Academy	www.galileoweb.org
Ms. Choi-Dea's Website	http://www.galileoweb.org/galileoavid

Chinese Immersion Two-Way Program

School Mission 學校使命

To provide equal access to all educational programs and ensure success for all students.

提供平等機會予學生接受教育，並確保他們能成功地學習

Program Goals 課程目標

When Chinese Immersion students graduate from Galileo, they will:

- Be proficient in both Chinese and English
- Have the ability to understand and appreciate Chinese culture
- Acquire technology and communication skills in both languages
- Master Social Science subject areas in both languages
- Meet all high school graduation requirements

當雙向式沉浸計劃學生從本校畢業時，他們能夠

- 發展流利英語及中文
- 深入了解及欣賞中國文化
- 以英語及中文學習，並掌握電腦科技技術
- 以英語及中文學習社會科學
- 完成高中畢業全部要求課程

Our Program 我們的課程

Both Chinese and English are used to access the core curriculum. Specific instructional strategies are used to ensure development of English language proficiency and similar instructional support is provided to English proficient students for the acquisition of Chinese.

本校老師將以英語及中文教授核心課程，並以特別教學方法確保學生能發展其英文語文能力，同樣教學法亦能使英語流利之學生學習中文。

Description of Chinese Courses 中文課程簡介

Chinese Language Arts:

To develop students' reading, writing and speaking proficiency in Cantonese and Mandarin; have further understanding of Chinese culture, and appreciate Chinese literature, art and music.

《中文語言課程》

幫助學生進修廣東話及普通話；提高中文語文能力；了解並欣賞中國文化、文學、藝術及音樂。

Computer Technology

To teach students new computer technology, and different applications to type Chinese, draw pictures and design websites, etc.

《電腦科技課程》

幫助學生學習最新電腦科技，使用各種不同軟件編寫中文、畫圖及設計網頁。

Modern World

To teach students major turning points that shaped the modern world. Students are instructed to use Chinese to do project-based activities to support their mastery of the concepts and use the Internet to do research on Chinese websites.

《現代世界課程》

幫助學生用中文學習世界歷史轉變過程、老師要求學生用中文做家課檔案，以確保她們能在中文網頁掌握該學科之概念。

For more information contact:

Mrs. Karin Lau
749-3430 x3229
lauk@galileoweb.org



Honors and Advanced Placement Courses

English	9th Grade English Honors
	10th Grade English Honors
	American Literature Honors English Language & Composition AP
	English/European Literature Honors English Literature & Composition AP
Mathematics	Algebra Honors
	Geometry Honors
	Advanced Algebra Honors
	Pre Calculus Honors
	Statistics AP
	Calculus AP – BC
Social Studies	Modern World Honors
	World History AP
	U.S. History Honors
	U.S. History AP
	American Democracy Honors
	Economics Honors
	U.S. Government/Politics AP
	Biology Honors
	Chemistry Honors
	Physics Honors
Environmental Science AP	
Biology AP	
Chemistry AP	
Physics AP	
World Language	Spanish Honors
	French Honors
	Chinese Honors
	Spanish AP
	Chinese AP
Technology	Computer Science AP
Visual & Performing Arts	Music Theory AP

Academic Support Programs

Galileo offers several academic support programs to qualifying students. Please contact the below department heads for more information.

English Language Development

Department Head: Kathleen Golata

Phone: 749-3430 x3468

Email: golatak@galileoweb.org

Special Education

Department Head: Ray Cohen

Phone: 749-3430 x3269

Email: cohenr@galileoweb.org

Math Support Courses

Department Head: Marti Bush

Phone: 749-3430 x3321

Email: bushm@galileoweb.org

Reading Support Courses

Department Head: Patrick O'Brien

Phone: 749-3430 x3107

Email: obrien@galileoweb.org

The Galileo Wellness Program

About Us...

The Wellness Program at Galileo Academy of Science & Technology believes that student wellness is a cornerstone for learning and success in school. We are dedicated to improving the health, well-being and educational outcomes of all students.

We provide free, confidential services for students, including:

- Mental Health Counseling
- Substance Abuse Counseling
- Case Management Groups
- Support/Empowerment
- Crisis Intervention
- Health Assessment & Education
- Community Referrals
- Reproductive Health Services

Our program is one of fifteen high schools sites funded by the San Francisco Wellness Initiative; a partnership between SFUSD, DPH and DCYF. We are open M-F, 8am-4pm. Our Wellness Program Drop-In Center is located in Room 151 and is open during lunch and after school. All other times by appointment only.

To learn more, email us at galileo@sfwellness.org.

How do students take advantage of Wellness Program services?

- Students can self refer by dropping by one of the Wellness offices and talking with a Wellness staff person.
- A parent can call any Wellness staff person if they have any concern about their child.
- A Galileo Academy staff person, such as a teacher or counselor, can refer a student who appears to be having difficulties.
- Students with concerns about a friend can refer to a Wellness Program staff person.

"Since I've been getting help from this program, life seems to be a bit clearer. Every time I am faced with a difficult decision, I'm able to calm down again and view my options. Also it's nice to be heard and be myself for once."

- Male Student, 9th grade, Galileo Academy of Science & Technology

The Galileo Wellness Program address issues including

Chronic Illness	Stress	Smoking Cessation
Depression	Suicide	Grief
Alcohol	Drugs	Dating Violence
Family Relationships	Cultural Adjustment	Identity
Sexual Orientation	Sexual Health	Pregnancy
Child & Sexual Abuse	Harassment	Violence

Our Staff...

Jessica Colvin

Wellness Coordinator

Room 151, Extension 3162

Deborah Bryant

Wellness Nurse

Room 159, Extension 3159

Aaron Jones

Wellness Counselor

Room 205, Extension 3503

Ken Lee

Wellness Counselor

Room 205, Extension 3503

Dana Wolfenbarger

Community Health Outreach Worker

Room 151, Extension 3994

Ulash Dunlap

Wellness Counselor

Room 205, Extension 3216

Partners

The following organizations partner with our Wellness Program to provide additional services to students on-site at our school.

Arab Cultural & Community Center
 Asian American Recovery Services
 Chinatown/North Beach Mental Health
 Community Youth Center
 Crisis Response Network
 Ella Hill Hutch
 Horizons Unlimited
 Janet Gee Martial Arts
 La Casa de las Madres
 New Generations Health Center
 Richmond Area Multi-Services
 The Center for Human Development
 Vietnamese Youth Development Center
 Westside Community Mental Health

FUTURAMA Afterschool Program

Providing education, enrichment, resources and opportunities for the next generation of leaders

About us...

The Futurama After-School Program at Galileo Academy provides a variety of free, on-campus academic and enrichment activities. Programs occur daily after school.

Our Academic program consists of Drop-in Tutoring in Math, Science, ELD, Social Studies and Online Credit Recovery for students who are falling behind.

Our Enrichment program includes Art Club and Dance classes, which vary from Samoan, Latin, Indian, Hip Hop, and Break dancing. School of Rock and DJ Classes are also offered.

Teachers lead most programs while outside instructors facilitate others. All activities take place on-campus under adult supervision.

Enrichment Services

DANCE PROGRAM

In our program students work together to learn dance, and perform throughout the city at community events, fundraisers, and family events. Indian, Latin, Hip Hop, Samoan, and Break Dancing are offered. If you are having an event and would like dance performers, please contact us.

YOUTH SPEAKS

This poetry program offered by Youth Speaks provides students with critical thinking, creative writing, and public speaking skills. Students have the opportunity to participate in Poetry Slams throughout the Bay Area.

BUILDING WITH BOOKS

Building with Books (BwB) engages American youth through in-class and after-school programs in 108 high schools. Students also volunteer in their local communities and help build schools in developing countries. BwB has built 250 schools in villages worldwide, providing more than 108,000 children and parents with access to education.

SCHOOL OF ROCK

Just like the movie, students get the opportunity to learn and play instruments, form bands and rock out creating their own music and covers. Students perform at various music events in the city.



AUDIO PRODUCTION

Students learn how to DJ, make beats, record vocals, produce music, learn the technology of audio production and learn about sound engineering.

MARTIAL ARTS

Janet Gee's Martial Arts Training facilitates the cultivation of warrior consciousness...and much, much more. Drawing from traditional martial arts, while incorporating modern body-mind disciplines, Janet Gee has developed a unique approach to the Way of the Warrior. She shares her extensive knowledge in all these disciplines in a dedicated effort to help her students achieve that sense of wholeness we all seek.

Educational Services

CYBER HIGH

Students that are behind in graduation requirements have the opportunity to take online classes at school to recover credits. Students who want a grade for college requirements have the opportunity to retake a class for a better grade.

TUTORING

After school tutoring service run by teachers and staff help students get that additional support to complete homework and class projects. Tutoring is available in Math, Social Studies, Language Arts, Science, and English.

ELL TUTORING

Students that are English Language Learners receive more academic support from this program and have a one on one support system.

For more information contact:

Lee Thomas
749-3430 x3119
thomasl@galileoweb.org



Clubs

Clubs: There are 43 clubs, student organizations including honor society and student government.

Club Name	Sponsor	Room #
Associated Student Body	Mr. Wing	ASB Store
American Red Cross	Ms. Ip	404
AOHT	Ms. Field	453
AVID	Mr. Lee	451
Badminton Club	Mr. Salazar	Van Ness Gym
Chess Club	Mr. Matsumoto	406
Christian Club	Mr. Jung	316
Clover	Ms. Ramsey	466
Comic Club	Mr. Smith	318
California Scholarship Federation	Mr. Matsumoto	406
Chinese Culture Club	Mr. Tong	353
Dragon Boat	Mr. Jung	316
Drum Corp	Sgt. Hardee	156
Fencing Club	Mr. Winterling	220
Filipino Club	Ms. Caparas	403
Game Club	Mr. Walker	132
Gay/Straight Alliance	Mr. Barbour	411
Global Action Club	Ms. Barrett	460
Health Association	Mr. Chinn	103
Girls (Exhibition) Drill Team	Sgt. Hardee	156
Hip Hop Club	Sgt. Hardee	157
Japanese Culture Club	Mr. Schnitzer	108
Junior Pep Club	Ms. Choi-Dea	353
Junior State of America	Ms. Garcia	305
Korean Club	Ms. Kim	255
Latino Club	Ms Lambert	119
Lion Dancing Club	Ms. Ly	414
Martial Arts Club	Ms. Ung	461
Podcast Crew	Mr. Delaney	102/ Library
Sambahia Mix	Ms. Morrison	462
Science Club	Mr. Debella	103
Senior Pep Club	Ms.Field	306
Service Interact	Mr. Elizarde	310
Silent Drill Team	Sgt. Hardee	156
S.L.A.Cers Club	Mr. Delaney	102/Library
Sophomore Pep Club	Ms. Walker	253
Stepping Stones Orphanage	Ms. Morrison	462
Student Court	Mr. Papa	413
SummerFund	Ms. Kornblith	458A
Table Tennis	Ms. Yee	201
Vietnamese Club	Ms. Ly	414
Vocal Club	Mr. Lee	451
Youth for Chinese Elderly	Ms. Wai	314

Athletics

Students may participate on the following teams. Please note that students must try out for some teams.

Sport	Season	Level
Cheer	Fall / Winter	Varsity
Cross Country	Fall	Frosh-Soph / Varsity
Football	Fall	Frosh-Soph / Varsity
Golf	Fall-Girls / Spring-Boys	Varsity
Soccer	Fall-Boys / Spring-Girls	Varsity
Volleyball	Fall-Girls / Spring-Boys	Frosh-Soph / Varsity
Tennis	Fall-Girls / Spring-Boys	Varsity
Basketball	Winter	Varsity/ Frosh-Soph (Boys) Varsity/ Junior Varsity (Girls)
Wrestling	Winter	Wrestling / Novice
Badminton	Spring	Varsity
Baseball	Spring	Frosh-Soph / Varsity
Fencing	Spring	Varsity
Softball	Spring	Frosh-Soph
Swimming	Spring	Varsity / Junior Varsity
Track and Field	Spring	Frosh-Soph / Varsity





Galileo Academy of Science and Technology

1150 Francisco Street, San Francisco, CA 94109

Principal: Ms. Vicki Pesek

Phone: 415-749-3430

Fax: 415-771-2322

Website: www.galileoweb.org