



Galileo Academy of Science & Technology

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2011-2012 Profile

General Information

Galileo Academy of Science and Technology is a comprehensive high school with a student body of over 2,100. 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. Students can participate in one of the seven career pathways or academies: biotechnology, environmental sciences, health science, hospitality and tourism, media arts, information technology, and Chinese Immersion. Advancement Via Individual Determination (AVID), a college-prep program, is offered to freshmen through senior year. Due to its strong academic program, the school was awarded the California Distinguished School Award in 1996 and 2005. Galileo holds the highest API score among the comprehensive high schools in San Francisco Unified School District.

Special Note

Unfortunately, \$1 million of Galileo Academy's operating budget was cut during the 2010-11 school year. As a result, 14% of the teaching/counseling positions were not funded for the 2010-2011 school year. This has drastically impacted the course selections for our current seniors, many seniors have increased their course load in order to take those courses they could not during previous years. Furthermore, we have not been able to offer as many electives as in the past. Even though we have recovered much of our funding, some students have been reduced to a four or five period school day if they have met the majority of their graduation requirements. Due to the increased demand in foreign language many students have taken foreign language elsewhere or stop after their second year.

Academies and Pathways

Students in their sophomore, junior or senior years can choose to participate in one of the six career pathways or academies. In these small learning communities, students take a particular elective class that is paired with one or two core academic classes. Health Academy and Academy of Information Technology are paired with English; Academy of Hospitality and Tourism (AOHT) is paired with Economics, American Democracy, and American Literature. AOIT is designated an ASPIRE Design Studio Academy by the National Academy Foundation.

Block Schedule

Galileo students are enrolled in six classes each semester. These classes are in session four days a week, with an extended block period on Wednesdays and Thursdays.

Socio-Economic Diversity

Galileo has a diverse student body with the majority currently eligible for free or reduced lunch. Presently, 59% receive free lunch and 11% receive reduced lunch.

Ethnic Distribution

Racial/Ethnic Category	Num. of Students	Percent of Students
African-American	103	4.8
Chinese-American	1292	60.7
Filipino-American	80	3.8
Asian-American Other	24	11.0
Hispanic/Latino	250	11.8
White (Not Hispanic)	61	2.9
Native American	4	.2
Other	313	14.7

Class Rank/Grade Point Averages (GPA)

Class rank is based on all courses taken from 9th to 11th grades. An unweighted GPA is based on all subjects taken from 9th to 11th grades. A weighted GPA is computed by adding one point to qualifying Honors and Advanced Placement with a grade of A, B, or C received from 9th to 11th grades. The ranking is based on a senior class size of 458.

Test Scores Class of 2011

College Board Scores	ACT Scores
Mean Composite score: 1457	Average Composite score: 21.9
Mean Critical Reading score: 461	Average English score: 21.6
Mean Math score: 536	Average Math score: 23.8
Mean Writing score: 460	Average Reading score: 21.1
Mean National score: 1509	Average Science score: 21.6
	Average State score: 22.1

API Score – 790

API Ranking – Statewide: 7, Similar Schools: 3

Honors/Advanced Placement Courses Offered

Honors: over 1,700 students are enrolled in Honors courses

Ethnic Literature	Algebra	Chinese
American Literature	Geometry	French
European Literature	Advanced Algebra	Spanish
Modern World History	Pre-Calculus	Physics
United States History	Economics	Biology
	American Democracy	Chemistry

Advanced Placement: 735 students are enrolled in AP courses

English Literature	Biology	Statistics
English Language/Comp	Computer Science	U.S. History
Chemistry	Calculus BC	Music
Government & Politics	Environmental Science	Chinese
World History	Physics	Spanish

Co-Curricular Activities

Athletics: Football, Basketball, Baseball, Volleyball, Tennis, Track and Field, Soccer, Softball, Badminton, Cross Country, Wrestling, Fencing, Golf, Swimming, Cheer

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

Graduation Requirements

Subject	Credits
Social Science	30
English	40
Math	20
Science (1 year of bio & 1 year of physical)	20
World Language	10
Visual Performing Arts	10
Physical Education	20
College & Career	5
Health Education	5
Electives	60
Total	230

Post High School Plans

In the Class of 2011, 361 out of 378 in the graduating class answered the following:

55%	enrolled in a four- year college
30.8%	enrolled in a two- year college
.6%	work
.6%	enlisted in the military
11.6%	no response