

Why Quarry Lane School?



inspire learning

The Quarry Lane School offers a specialized curriculum based on students' interests and needs. With small class sizes, character development, rigorous academics, enrichment classes taught by experienced specialists combined with passionate faculty and staff, The Quarry Lane School inspires students to pursue their goals and instills a love of learning. We take pride in our uniquely diverse community of faculty, staff and students. We encourage all of our students to display the highest level of character and integrity through service activities and community involvement within our school and beyond.

inspire growth

Our Mission

The mission of The Quarry Lane School is to create an atmosphere that inspires a lifelong love of learning and nurtures each student to reach his or her fullest potential—emotionally, socially, academically and physically—in order to assume responsibility as a future citizen of the world.

The Quarry Lane School is proud to have an outstanding faculty and staff dedicated to teaching the whole child. The school offers students a fun, loving, creative and challenging academic experience within an intimate and supportive learning environment.



Quarry Lane School at a Glance

Our school prides itself on providing our students with maximum opportunities for an individualized learning experience. Quarry Lane maintains a staff to student ratio of one to eight.

Facilities

10 Acre Campus
62 Classrooms, including
Computer Lab
Chemistry Labs
Biology Labs
Robotics Labs
Engineering and Fabrication Labs
Lower and Upper School Libraries
Lower and Upper School Dining Halls
Lecture Hall
3 Art Studios
Multi-Purpose Room/Music Hall/Theater
Dance Studio
Outdoor Tennis Court
Athletics Field and Track
Gymnasium

Notable Courses

IB (International Baccalaureate) and AP (Advanced Placement)- College Level Classes
Engineering is Elementary
FOSS- Integrated Science Curriculum
Engineering and Design Assembly
Solid State Chemistry
Biology with Applications
Astronomy
IB Design and Technology
Further Math
Speech and Debate
Advanced Studio Art

Student Life

Student Associations
CA Scholarship Federation
Cultural Clubs
Chess Club
Drama Club
Economics Club
Global Awareness Club
Harvard Model Congress
Model United Nations
National Awareness Club
Student Council

Athletics
Basketball
Cross Country
Soccer
Volleyball and more

Visual and Performing Arts
Dance
Theater Arts
Music
Art Studio

Technology
Robotics
Engineering and Design
Community Service Outreach
Speech and Debate

Accreditations



Notable Awards

Ranked in the top 1.5% of the best private high schools in the US and the top 10 in the San Francisco Bay Area in 2015 (by Niche.com)
75% of students tested have been identified as gifted and talented by Johns Hopkins University- Center for Talented Youth

Letter From the Headmaster

It is my goal to provide your child with every opportunity for acceptance into the college of their choice. With this goal in mind, The Quarry Lane School offers three distinct academic tracks: The College Preparatory Track, a curriculum that meets and exceeds top university standards for admission, The Science, Engineering and Technology Track, a program that prepares students to be the scientists and engineers of tomorrow and The International Baccalaureate Diploma Programme, an internationally recognized, pre-college course of study considered to be the gold standard for elite university admission.

The Quarry Lane School boasts outstanding, diverse and multicultural staff members, many of whom hold master's and doctorate degrees and bring years of valuable experience to our school. Each member of our faculty is dedicated to the academic and emotional needs of our students.

Our state-of-the-art campus has a well-equipped college level study and work environment with indoor and outdoor athletic facilities to provide a balance between the academic rigor and recreational needs of our students. I invite you to tour our campus and familiarize yourself with our many specialized programs.

Sincerely,

Sabri Arac, Ph.D.
Headmaster,
The Quarry Lane School

*I am very delighted to welcome you to
The Quarry Lane School, an atmosphere that inspires a
lifelong love of learning...*



Honesty
Responsibility
Compassion
Courage *Respect*

Character Building

Through the Cougars of Distinction program, students learn to embody the characteristics of honesty, responsibility, compassion, courage and respect. These traits are reinforced by the faculty and administration who reference the Cougar ideals in the classrooms and by an acknowledgement program when students are chosen by faculty for displaying exemplary behaviors in the above identified areas.

inspire leadership



inspire leadership



Leadership

The Quarry Lane School encourages each student to achieve their full potential academically and socially. Quarry Lane promotes self-confidence and individual growth by maintaining the importance of group and team leadership. Student enrichment includes opportunities for participation in student government, competitive sports, clubs and organizations. Leadership and critical thinking skills are embedded into the Lower School program's curriculum. All Upper School students enroll in a Leadership Class where they are exposed to a myriad of concepts related to becoming a "leader." All grade levels organize service projects that connect our students to the community beyond that of Quarry Lane.



The School of Dreams para glides over our students in formation and inspires us to dream. The Quarry Lane community raised \$2,325 to fund the School of Dreams in Malawi, Africa to support children in following their dreams.

College Counseling

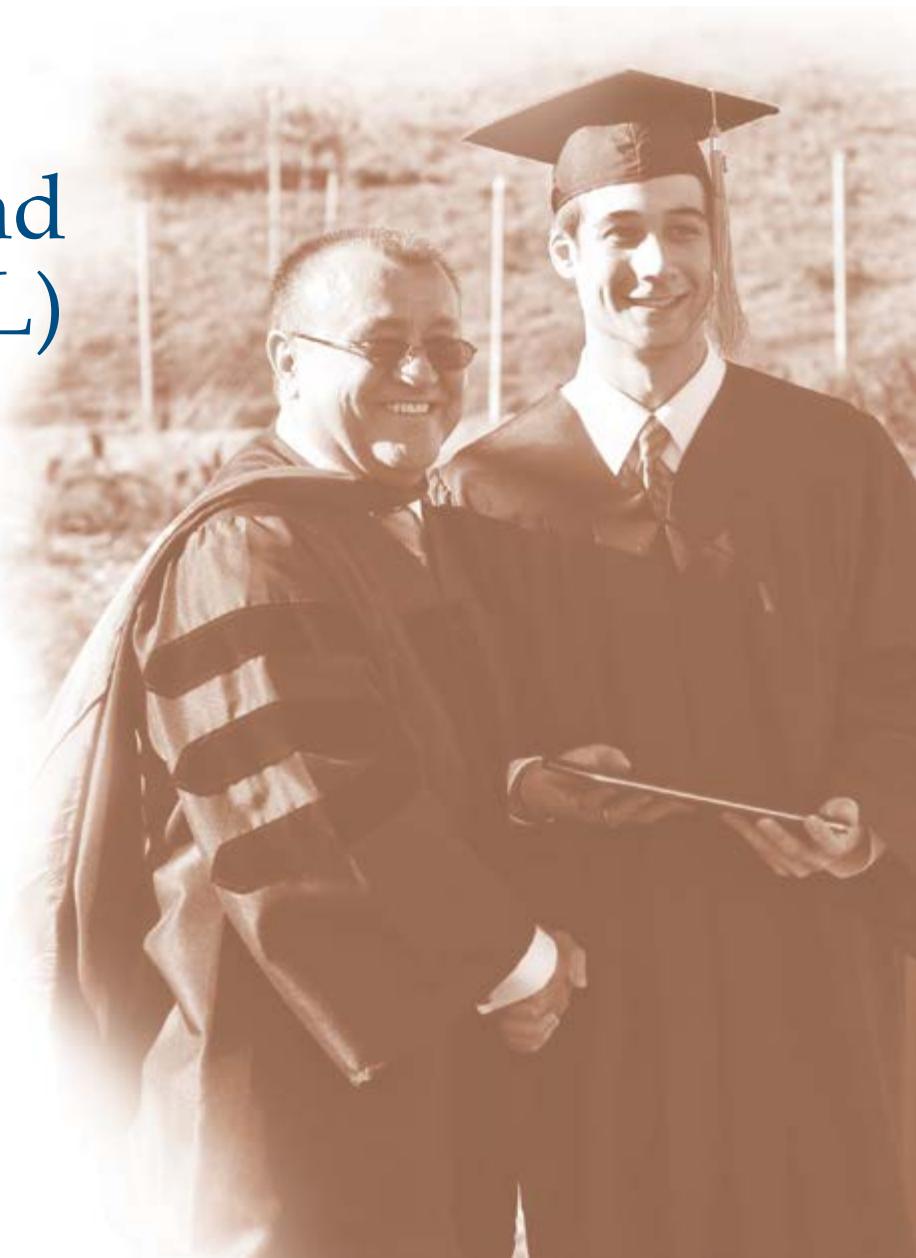
Helping each student at The Quarry Lane School find a pathway to success.

The Quarry Lane School provides guidance to help students navigate the college search and admission experience. To this end, Quarry Lane provides a comprehensive program that aims to guide and support students and families through the process. College counseling begins in the middle school years and consists of these major components: individual counseling appointments with students and parents, visits by college admissions representatives and College Information Nights.

Community, Action, Service and Leadership (CASL)

The CASL program brings students together to develop their humanitarian spirits by accepting the challenge of organizing community service opportunities on local and global levels.

Each year, Quarry Lane students participate in a variety of service projects like collecting household items for the McHenry House Charity, walking for the Leukemia and Lymphoma Society and donating coats and blankets to Shelter Inc. of Contra Costa County. Our students are eager to find ways to positively impact the local community. Keeping in mind the importance of becoming world citizens, our students have also raised money for Kiva, an international micro-lending organization. Quarry Lane is proud to be home to such an active and philanthropic student body.



A Day in the Life of a Lower School

The curriculum for the Lower School is carefully crafted to nurture the spirits and to stimulate the minds of our children. Beginning in Kindergarten through grade 5, the lower school program utilizes specialized teaching with blocks of instructional time in literature, language arts, mathematics, science and social studies (Engineering becomes a core class taught daily in grades 3-5.). Quarry Lane has determined that the benefits for students taught by teachers who specialize in one content area—an area they are passionate about—are significant. This model gives our students an elevated level of teaching from teachers who are inspired to dive deeper into their specialized areas. The Junior Kindergarten class will maintain one teacher for the core subject areas. In addition to this core instruction, students also participate in “special” courses such as art, music, library, physical education, computer science, engineering and Spanish.



Kindergarten

8:00 - 8:25	Homeroom: Morning Meeting
8:30 - 9:05	Math
9:10 - 9:25	Recess/Snack
9:35 - 10:15	Social Studies, Grammar, Vocabulary
10:20 - 11:00	Art Studio
11:00 - 12:00	Lunch and Recess
12:00 - 12:30	Homeroom: Rest/Accelerated Reader
12:30 - 1:10	Science
1:15 - 1:55	Music
2:00 - 2:35	Homeroom: Writing, Spelling, Phonics
2:35 - 2:50	Closing Meeting/Dismissal

4th Grade

8:00 - 8:20	Homeroom: Morning Meeting
8:25 - 9:05	Science
9:10 - 9:50	Spanish
9:55 - 10:35	Math
10:40 - 11:00	Break/Snack
	Check in with office about class community service project
11:05 - 11:45	Engineering is Elementary/Engineering
11:50 - 12:10	Homeroom: Accelerated Reader
12:10 - 12:55	Lunch and Recess
1:00 - 1:50	Social Studies, Grammar
2:00 - 2:40	Homeroom: Writing, Reading
2:50 - 3:45	Computer Science

The middle school VEX Robotics Team qualified for the National Championship in 2015 and 2016.



Sample schedules only, subject to change.

Quarry Lane Student Middle School

The Quarry Lane Middle School offers education for students in grades six, seven and eight. The combination of academic rigor and extracurricular activities encourages students to establish positive values for learning and life. Strong study habits are fostered to enhance the skills necessary for college preparatory work in High School. Core curriculum includes mathematics, language arts, science, social studies, leadership and foreign language. Electives may include music, visual arts, speech and debate, computer science, engineering, dance, theater arts and physical education.

Student life at The Quarry Lane Middle School includes opportunities for growth beyond the classroom. Middle School students participate in Leadership Class, which develops character and maturity. Students may participate in field trips to Catalina, Yosemite and Washington D.C.. Local trips in the San Francisco Bay Area are also offered to enrich students' educational experience. Field trips are subject to change.

6th Grade

7:30 - 8:20	VEX Robotics, Theater Production or Jazz Band
8:25 - 8:45	Middle School Character Development and Leadership
8:45 - 9:35	History
9:39 - 10:29	*Pre-Algebra or Algebra I
10:33 - 11:23	Mandarin or Spanish
11:27 - 12:17	Music/Art/Theatre/Computer Science
12:17 - 1:21	Lunch and Advisory
1:25 - 2:15	Earth Science
2:19 - 3:09	English
3:13 - 4:03	Physical Education

8th Grade

7:30 - 8:20	VEX Robotics, Theater Production or Jazz Band
8:25 - 8:55	Middle School Character Development and Leadership
8:55 - 9:45	*Geometry
9:50 - 10:40	Mandarin or Spanish
10:55 - 11:45	Electives: Speech and Debate or Engineering Pathways or Music/Dance/Theatre/Physical Education
11:50 - 12:40	Physical Science or Physical Science for Engineering
12:45 - 1:10	Lunch/Student Council Meeting
1:15 - 2:05	English
2:10 - 3:00	History
3:05 - 4:03	Grammar
4:15	Dance Committee Meeting

*Upper School students are placed into their math course based on proficiency in subject area, not grade level. Math courses available to Middle School students may include Pre-Algebra, Algebra I, Geometry and Algebra II.



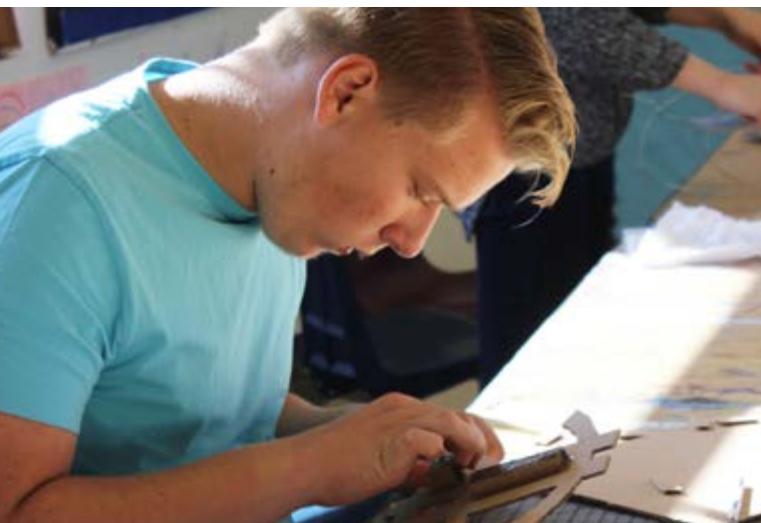


High School Academic Tracks

inspire individuality

Science, Engineering & Technology

We have developed a challenging science, engineering and technology track at The Quarry Lane School for high school students who want to focus on these areas as a future career. Our applied sciences curriculum models a real-world design and research engineering lab, which supports students' empirical and theoretical research projects. These projects create opportunities for students to work alongside industry professionals from universities and research labs. This track not only focuses on academics, but also challenges students to solve real-world problems using the disciplines of science and engineering.



College Preparatory

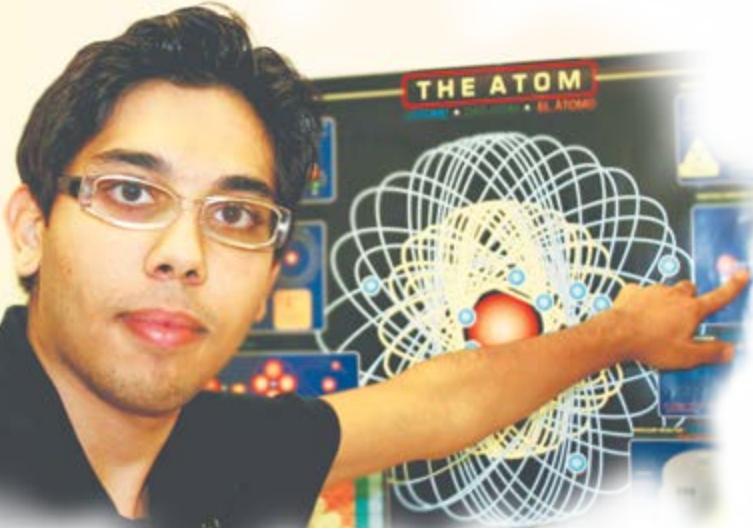
This curriculum is designed to prepare graduates for the academic challenges of higher education. With high expectations for all students, our graduation requirements ensure a comprehensive educational foundation and meet, or surpass, the admissions standards of public and private universities across the country. We offer a variety of advanced placement (AP) classes which allow our students to achieve university credits before they graduate from high school.

"IB is well known to us for its excellent preparations. Success in an IB program correlates well with success at Harvard. We are always pleased to see the credentials of the IB Diploma Programme on the transcript."

Marlyn McGrath Lewis,
Director of Undergraduate Admission,
Harvard University
Quote provided by: "In Their Own Words: Quotes about IBO"



A Day in the Life of a Quarry Lane Student



High School Pathways

The Pathway course of study is a suggested course of study for students who may be interested in studying in a certain field or concentration. Flexibility is built into each course of study to allow students to move between programs and explore areas of interest, while being able to meet the Quarry Lane High School graduation requirements. Students are advised to take courses that would be best suited for their individual interests. Courses offered are subject to availability.

Business
Engineering/Computer Science
Visual and Performing Arts
Music, Art, or Theater
Medical/Science

Science, Engineering & Technology Track

8:45 - 9:35	Solid State Chemistry
9:39 - 10:29	AP Spanish
10:33 - 11:23	English 2 Honors
11:27 - 12:17	Physical Education
12:17 - 1:21	Lunch
1:25 - 2:15	Biology with Applications
2:19 - 3:09	AP European History
3:13 - 4:03	Pre-Calculus Honors
	Advisory

Talk to Dr. Arau about Insulin Pill project

College Preparatory Track

8:45 - 9:35	English 1 Honors
9:39 - 10:29	AP Computer Science Principles
10:33 - 11:23	Spanish 2
11:27 - 12:17	AP Physics 1
12:17 - 1:21	Lunch
1:25 - 2:15	World History Honors
2:19 - 3:09	Algebra II
3:13 - 4:03	Advanced Studio Art

Basketball Practice

International Baccalaureate Diploma Programme

8:45 - 9:35	IB Math HL
9:39 - 10:29	IB Spanish SL
10:33 - 11:23	Academic Prep.
11:27 - 12:17	IB Biology HL
12:17 - 1:21	Lunch
1:25 - 2:15	IB Art HL
2:19 - 3:09	IB English SL
3:13 - 4:03	IB History HL
	Theory of Knowledge

Meet with college counselor about summer internship



Summer Internships and Opportunities

Quarry Lane guides students with selecting summer opportunities to expand and further develop a student's high school portfolio of experience. Here are a few of the top summer enrichment opportunities students continue to participate:

- Children's Hospital Research Internship
- COSMOS Summer Program
- Creatures of Impulse, Acting Group
- Embassy of Pakistan, Washington DC
- Internship in rural Taiwan to teach English
- Mexican Embassy, Washington DC
- Oxford University (England) Department of Oncology and Radiology
- The Practice of Law, UC Berkeley
- Sandia National Lab
- School of Industrial and Labor Relations, Cornell University
- Stanford University Medical Research Internship
- UCSF Stem Cell Research
- Yale Ivy Scholar Program

Academic Competitions and Awards

Helping each student at The Quarry Lane School find a pathway to success.

Quarry Lane students enjoy challenging themselves through a variety of academic competitions, such as the VEX IQ Robotics (State Champion), Optimist Club Speech and Essay Contests (Top National Prize) and The Ayn Rand Institute *Anthem* Essay contest (3rd place internationally). The student-created “Nano Snippit-bot” (winner of Toshiba’s “Exploravision” Award) received attention from UCLA’s department of bioengineering and Stanford Medical Center for its ingenuity in the area of brain tumor removal.

Quarry Lane students have received awards for personal achievements in the areas of science, English, mathematics, robotics, world languages and art. Over 70% of Quarry Lane School students qualify annually in The John Hopkins University Talent Search. Awards received by QLS students include the National Merit Scholarship Program, National History Bee, American Scholastic Mathematics Association, The Toshiba/NSTA ExploraVision State and Regional Science Awards, Cali All-State Music Education Conference, and Scholastic Art and Writing Awards.



Speech and Debate

The Quarry Lane Speech and Debate program continues to expand and achieve within the classroom, throughout the Bay Area, and across the nation. From its inception, just a single two-person debate team entered its first tournament, the program now contains over 70 active members from Grades 7-12. Students from the middle school through the high school level learn fundamentals of public speaking before branching out into many different categories of competitive speech and debate based on their interest and expertise. They are encouraged to experiment while sharpening their skills that they can use the rest of their lives.

In the 2015-2016 school year, the Cougars earned the distinction as the No. 1 ranked Bay Area small school in Public Forum debate. Quarry Lane students have also advanced to the California State Championship, the National Catholic Forensic League Championship, the Tournament of Champions, and the National Speech and Debate Association tournaments. The future looks even brighter for the Cougars, who have formed a Travel Team of elite debaters to compete in national bid tournaments throughout the country while ensuring that the Quarry Lane name reflects the quality of its students.

Engineering is Elementary

To further enhance problem solving skills, critical thinking, and collaborative learning, we have paired the FOSS Science program with the EIE, or Engineering is Elementary, a program designed by Museum of Science in Boston, with the goal of developing engineering literacy through science. As stated by our Lower School Director, “Using a field of engineering as a unifying theme, students analyze their own data and make decisions about their design, engage with content, and take ownership of their learning.”



inspire innovation



FOSS

Quarry Lane adopted FOSS (Full Option Science System)—a research-based program created specifically to provide students an opportunity to advance their scientific knowledge and understanding through observation and hands on experiences. Based on the fundamental ideas of experience bringing greater success and deeper understanding of concepts in the classroom, the FOSS program aligns with the goals of the Quarry Lane School. The Delta Education Cooperation, developers of the FOSS program, believe, “Practical experience in classrooms demonstrates that students learn best by doing. When involved in learning something of interest, students come to understand concepts more fully, remember them longer after the experience, and develop confidence in their ability to find things out and to understand science.”

inspire creativity

inspire dedication



Athletics

The Quarry Lane Athletic Department is a vital component of the school's goal to develop well-rounded students. Our interscholastic athletic programs enrich campus life and foster school spirit among students, families and the community as a whole. The Quarry Lane School is a member of the North Coast Section (NCS) of the California Interscholastic Federation (CIF). Quarry Lane offers basketball, volleyball, soccer, flag football, track and field and badminton. (Sports schedules may change from year to year, based on interest.)



Visual and Performing Arts



The Quarry Lane School offers a variety of visual and performing arts classes to help each student cultivate his or her individual form of artistic expression.

Visual Arts

Through a cross disciplinary and inclusive environment, students have access to a variety of media to develop artistic elements. Art classes begin in the first years at Quarry Lane and expand to advanced studio art classes in the Upper School.

Performing Arts

Theater arts students learn about the world of theater in front of and behind the scenes with acting, singing, dancing and set design for school productions.

Dance students learn elements of hip-hop, jazz and ballet in preparation for performances throughout the year.

The music program at Quarry Lane School starts in the early elementary years with exposure to choir and both percussion and string instruments such as Orff instruments, violin, recorder, and ukulele. Upper School music classes range from Jazz band, concert band, music appreciation, composition and choir.

Students have opportunities to submit their artwork to local, national and international competitions.



inspire achievement



Faculty

The Quarry Lane School is staffed by dedicated and experienced educators from a variety of backgrounds, many of whom hold master's and doctorate degrees. Our excellent student to staff ratio insures that teachers and administrators have the opportunity to accurately assess student needs on an individual basis and challenge each to reach his or her full academic potential. Our instructors encourage critical thinking through a wide range of teaching techniques. The guidance, support and motivation students gain from our staff are invaluable for building academic knowledge, self-confidence and future college success.

Our teachers have a vital interest not only in the students' academic success, but also their personal well-being. Frequently, our staff members serve alongside students during philanthropic and community events and join school-wide family gatherings. Whether serving as educator, mentor, counselor or coach, our instructors leave a positive and lasting impact on our students.

"There is no doubt in our minds that Quarry Lane School helped our kids to build the confidence they need to participate and succeed in our globally growing world! The Quarry Lane School embraces diversity, celebrates differences and family heritage."

The Arnaout Family, Middle School Parents



Parent Communication

The faculty and staff engage in clear and thoughtful communication between home and school, forming a partnership which supports educational excellence. Quarry Lane School provides access to an online parent and student portal where parents and students can log-in to the online Cougar Community with resources and links to the day to day happenings within the school. The school publishes a weekly and quarterly newsletter to keep parents apprised of activities happening at all grade levels throughout the school year. You can follow Quarry Lane on [Facebook](#), [Instagram](#) and [Twitter](#) for a quick glimpse into the day to day excitement and learning that happens in our community.

Uniforms

Quarry Lane School students in Lower and Middle school wear uniforms. They can select from a range of colors and styles bearing the Quarry Lane School logo. School uniforms are purchased at an additional cost from an outside vendor. Students in High School follow a dress code.

inspire commitment



Other Programs

EEP: Extended Education Program

Quarry Lane offers morning and afternoon supervision for families in need of childcare before and after school. This program is designed for students in Junior Kindergarten through grade 5. Care is provided from 7:00 a.m. to 8:00 a.m. and from dismissal to 6:00 p.m. Monday through Friday. Students may participate in a variety of activities including arts and crafts, homework club, music lessons, chess, robotics, sports and outdoor play.* Holiday camps are also offered throughout the year on many days when school is not in session.



*Some of the after school activities are taught by outside vendors and may have an additional fee.

Summer Academy

Academic summer classes are available for middle and high school students who want to advance in several subject areas including mathematics, science, history, language arts and computer science. The core summer classes are UC approved and may offer high school level credit. Summer classes previously offered include: Pre-Algebra, Algebra, Geometry, Algebra 2, Pre-Calculus, US History, Biology, Chemistry, Physics, Expository Writing and Critical Reading, Speech and Debate, Automation and Robotics. For a complete list of offerings please visit our website at www.QuarryLane.org/Summer.

Summer Academic Enrichment

Get ready for summer at Quarry Lane! Summer is the perfect time for students to focus on keeping their minds active, preparing for the next school year and having fun! Academic Enrichment is for students who are entering grades K through 5 and wish to stay sharp in the areas of language arts and mathematics. Students enrolled in this program can master skills learned in the previous school year and explore concepts at the next grade level, bridging the two school years.

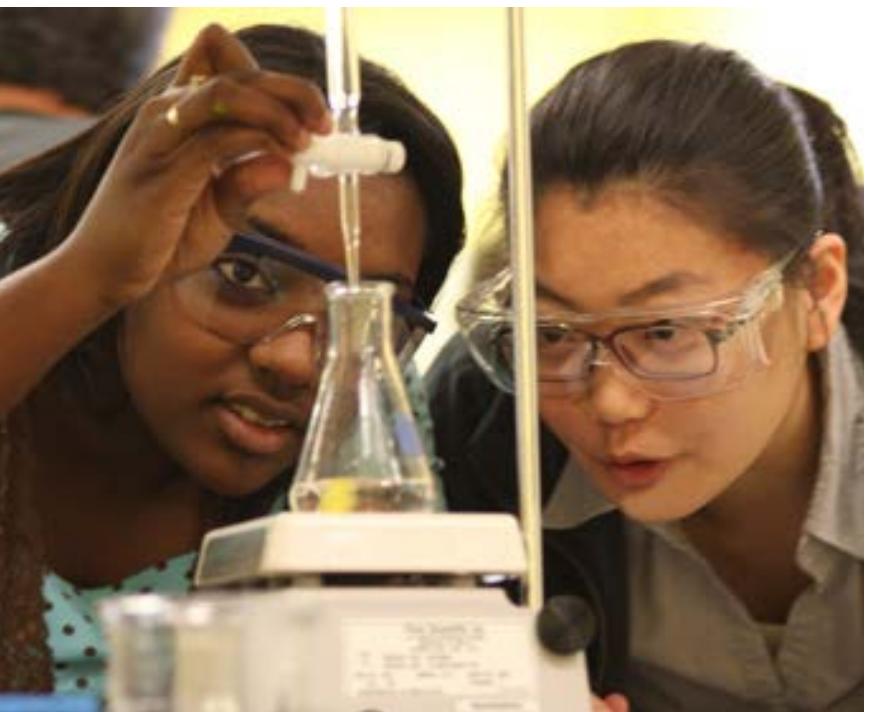


inspire diversity

Sample Academic Enrichment Schedule

Morning Meeting
Literature and Vocabulary
Snack and Recess
Math
Writing Workshop
Public Speaking
Dismissal

This schedule is subject to change.



International Academy

The Quarry Lane School International Academy offers an exceptional opportunity for students from around the world to study and develop in the United States.

The Quarry Lane School's international students infuse a rich variety of languages, cultures and traditions into all aspects of the school community. This comprehensive educational experience allows students to maximize their academic potential as well as positively socialize while they are introduced to American culture and society. The English as a Second Language (ESL) Program is available for students who require a solid foundation in English reading, literary analysis, writing, speaking and listening. We welcome students from all countries and have taught students from China, Thailand, South Korea, Germany, Portugal, Columbia, Angola, India, Singapore, Italy, Spain, Australia, UK and Mexico.

History of The Quarry Lane School

The Quarry Lane School was created by founder and president, Dr. Sabri Arac, in 1991. He received his bachelor's degree in Metallurgical Engineering from Michigan Technological University and earned his master's degree and doctorate in Metallurgy/Materials Science from the University of Arizona. Dr. Arac spent his early years working in the corporate world, most notably for Hewlett-Packard. He has published numerous technical works in the area of science and holds a United States patent in electronics.

While teaching at the college level, Dr. Arac began to take an interest in developing a college preparatory school that would incorporate his passion for science and mathematics and prepare students for the 21st century. He envisioned a complete educational path resulting in a dynamic, high-level, secular, college preparatory school that would span kindergarten through 12th grade and provide cutting-edge instruction and honor a core group of values. This passion and vision culminated in the establishment of The Quarry Lane High School. Dr. Arac is committed to developing outstanding educational programs and believes strongly in providing students with a solid foundation in education and life experiences.



from history...

into future



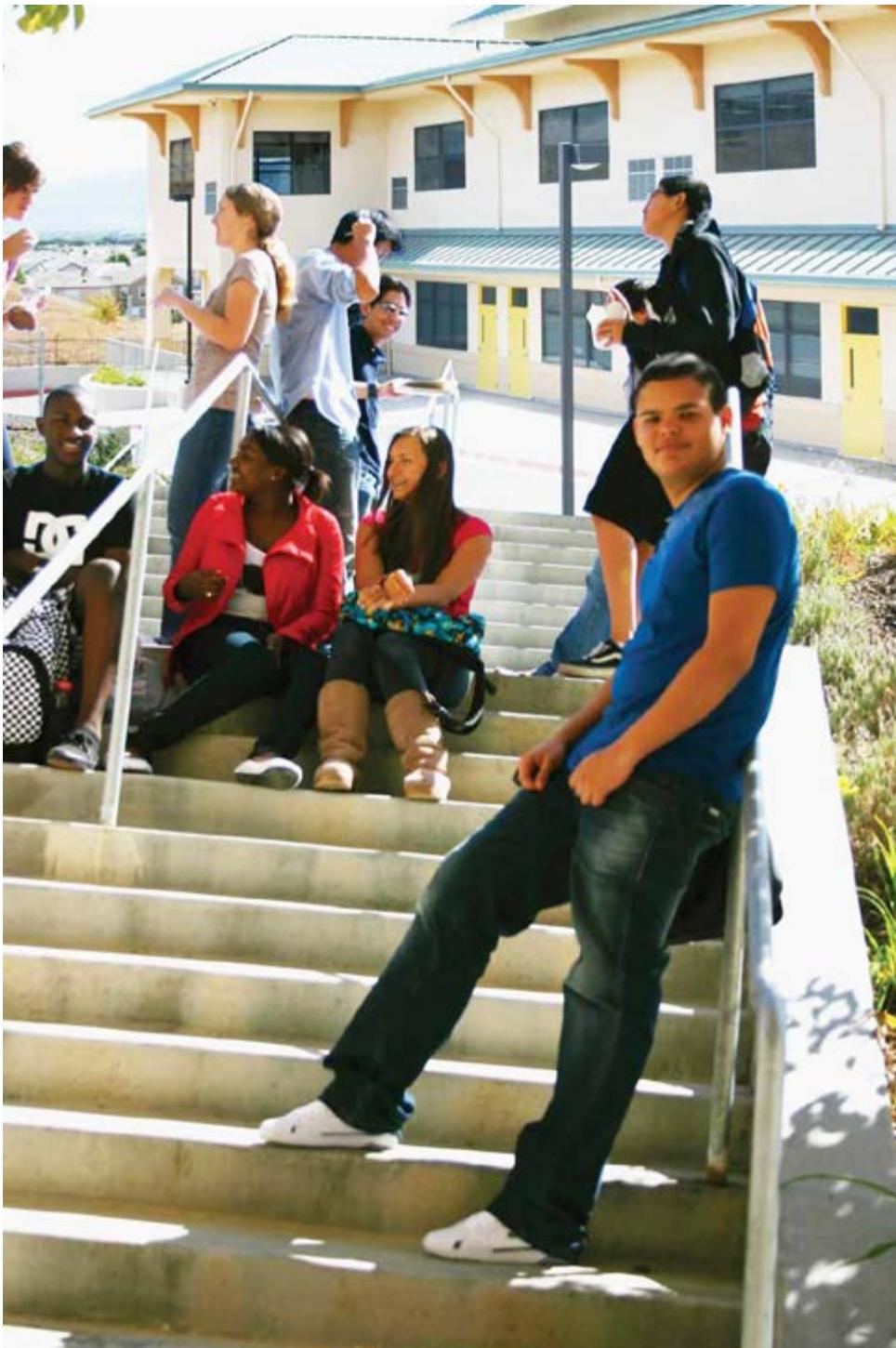
The Quarry Lane Graduates

The list below is a compilation of some of the nation's top schools that continue to accept Quarry Lane alumni.

- American University
- Babson College
- Bates College
- Barnard College
- Boston College
- Boston University
- Brandeis University
- Bryn Mawr
- Carlton College
- Carnegie Mellon University
- Case Western
- Chapman University
- Columbia University
- Cornell University
- Dartmouth College
- Drexel University
- Duke
- Emory University
- Fordham University
- Georgetown University
- George Washington University
- Georgia Institute of Technology
- Johns Hopkins University
- Lafayette College
- Lausanne College, Switzerland
- Lehigh University
- London School of The Arts, London
- Loyola Marymount University
- Macalester
- New York University
- Northeastern University
- Northwestern University
- Parsons School of Arts and Design
- Pratt Institute
- Princeton
- Purdue University
- Rice University
- Rose-Hulman Institute of Technology
- Stanford University
- Swarthmore College
- Syracuse University
- Tufts University
- Tulane University
- Trinity College, Ireland
- University of California, All Campuses
- University of Chicago
- University of Illinois- Urbana-Champaign
- University of Miami
- University of Michigan
- University of North Carolina - Chapel Hill
- University of Puget Sound
- University of Southern California
- University of Virginia
- Vanderbilt
- Washington University- St. Louis



inspire community



Admissions

We would love to have the opportunity to meet with your family and help discover whether The Quarry Lane School is the right fit for your child(ren). Please visit our website and review all the wonderful programs we provide to engage, challenge, excite and support our students as they embark on the adventure of education.

Admissions candidates and their families are encouraged to schedule a personal tour of The Quarry Lane Dublin campus during the weekdays. Weekend Open House events are also scheduled throughout the year.

For more information about the application process, please call the Admissions Office at (925) 829-8000 or visit www.QuarryLane.org.