

MAGNOLIA PUBLIC SCHOOLS PACIFIC TECHNOLOGY SCHOOL - SANTA ANA



MAIN FACADE

ABOUT MAGNOLIA PUBLIC SCHOOLS

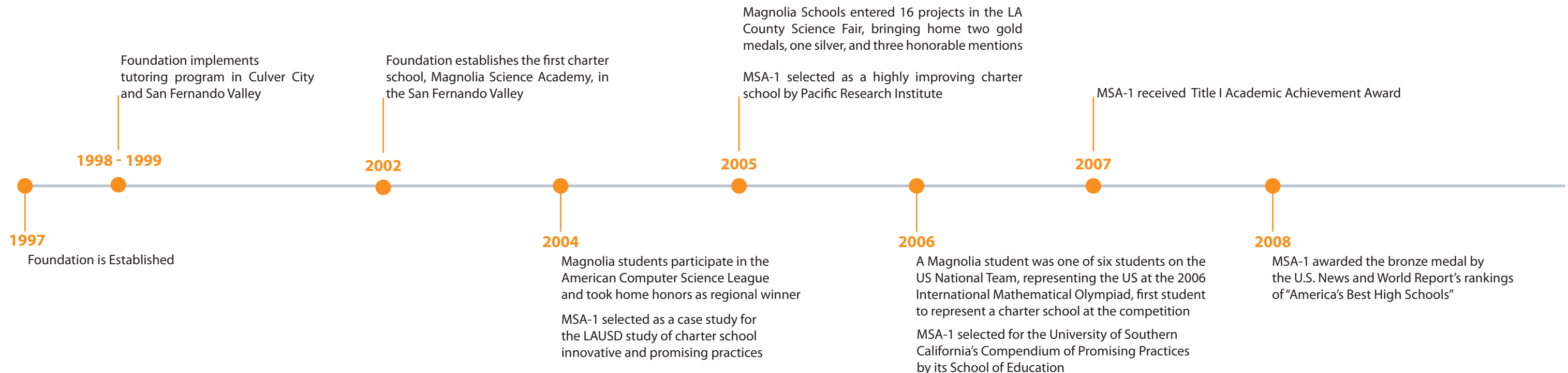
The **Magnolia Educational & Research Foundation (Foundation)** is a non-profit organization established in August 1997. The Foundation, headquartered in Los Angeles, California, is granted tax-exemption status (501(c)(3)) by the IRS and the State of California.

Our vision “*Inspiring Students to Choose Paths in Science and Technology*”, is supported by our belief that increasing educational opportunities at every level is an asset to progress and further development. Our methodology is rooted in the core values of the Accord Institute Educational Model.

OUR DIFFERENTIATORS

- **Small Class Sizes:** 25 students maximum in each class.
- **Reflecting the Demographics of the Neighborhood:** 72% Hispanic and 80% free or reduced lunch.
- **Technology Integration:** Core classes taught within the framework of a computer-based curriculum.
- **Extended Education:** After-school tutoring and Saturday classes led by classroom teachers for low-achieving students.
- **Focus on Parent Involvement:** All parents are visited at home by classroom teachers and encouraged to participate in meetings with teachers and faculty.

MAGNOLIA PUBLIC SCHOOL MILESTONES



HISTORY

In 1998, the Foundation began organizing volunteer tutors for middle and high schools, specializing in math, science, and computer technology areas, by utilizing connections to major research universities throughout Southern California.

In 1999, the Foundation organized and implemented a joint program with Culver City District to provide tutoring for students around the city. It also started a free tutoring program in the Sherman Oaks/Van Nuys Area of the San Fernando Valley. These programs resulted in partnerships with school districts to support educational initiatives. In 2002, the Foundation established the first charter school, Magnolia Science Academy (MSA), in the San Fernando Valley. Since then, the Foundation has established five additional charter schools to provide the innovative and high-quality education.

In 2009, the Foundation was approved by the California State Board of Education to start 10 state-wide benefit charter school sites in California over the next six years. The approval was a testament to the success of our schools, as it was only the third time a charter school operator has been granted such permission in California. The first two school sites, operating under the statewide benefit charter Pacific Technology School, opened in Sacramento and Orange County in August 2009.



MAGNOLIA PUBLIC SCHOOLS - PIONEERING ACHIEVEMENTS

REPLICATING THE MPS EDUCATION PROGRAM

Magnolia has successfully implemented an education program that has gained international, national, and state level recognition and awards. Through its affiliation with The Accord Research Institute, it has developed and refined curriculum, programs, and supplemental activities that promote each student's ability to learn and thrive.

Magnolia students have won more than 80 awards in nationwide math and science competitions, and science fairs such as the USA Computer Olympiad, American Computer Science League, American Mathematics Competitions, and those held by the Los Angeles County Science Fair and the San Diego County Science Fair.

FIRST IN CALIFORNIA

MSA-1 was the first school in California to participate in the American Computer Science League, in which students from 200 schools throughout the US compete in computer programming. It was the regional winner of the junior division in 2004 among all schools participating from Texas, New Mexico, and California.

FIRST IN LAUSD

All Magnolia schools in Los Angeles successfully participate in the Los Angeles County Science Fair. In 2005, MSA students participated in the 55th Los Angeles County Fair with 16 projects, which constituted more than 10% of the total projects (142) from LAUSD. MSA-1 received the highest number of awards at this fair: two gold medals, one silver medal, and three honorable mentions among 733 participants in 30 categories.

FIRST IN CHARTER SCHOOL HISTORY

One of its students, Zarathustra Brady, an 11th grader at MSA-1, won the gold medal at the 2006 International Mathematical Olympiad (IMO), the most prestigious and most difficult international math competition for high school students. Zarathustra Brady became the first charter school student to qualify for the US National Math Team. The Los Angeles Unified School District Board of Education presented a letter of recognition to Zarathustra, the first southern Californian to win in a decade.

California State Board of Education granted approval for the Foundation to start 10 statewide benefit charter school sites, which includes Pacific Technology School - Santa Ana

MSA-1's Future City Competition project, "Megalos" was one of the most exciting designs at the national finals in Washington D.C. Among 35,651 Future City competitors nationwide, MSA-1 students were selected in the top 100.

MSA-1 awarded the silver medal by the U.S. News and World Report's rankings of "America's Best High Schools"

Ranked 13th in California and 114th nationally by the Washington Post's High School Challenge Index

High College Acceptance Rate: All of MSA-1's graduates were enrolled in a college.
44% of graduates were first generation college attendees

MSA-1 awarded a gold medal

Ranked #30 out of over 2,039 schools in California by the US News and World Report

2009

2010

For the sixth consecutive year, Magnolia Charter Schools' API scores increased, ranging from 745 to 847

2011

2012

Design of Pacific Technology School - Santa Ana Began

MSA-1 awarded a gold medal
Ranked #45 out of over 2,000 schools in California

2013

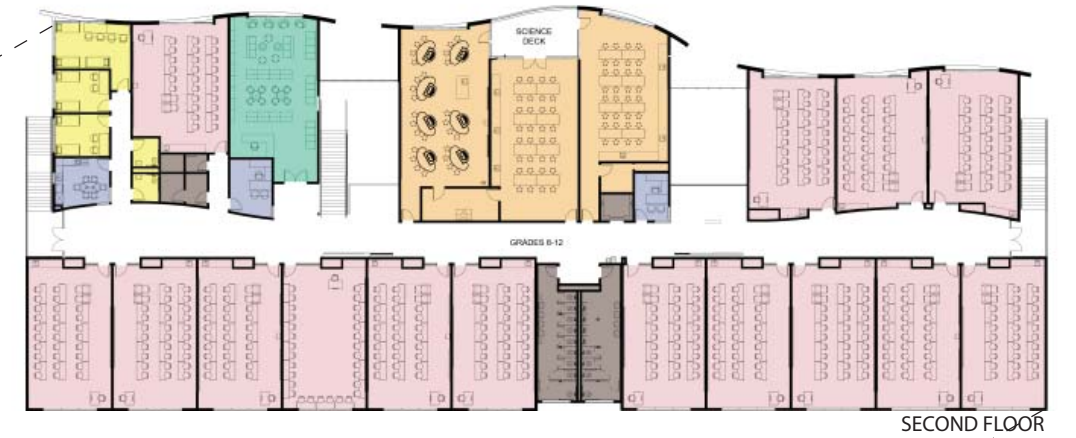
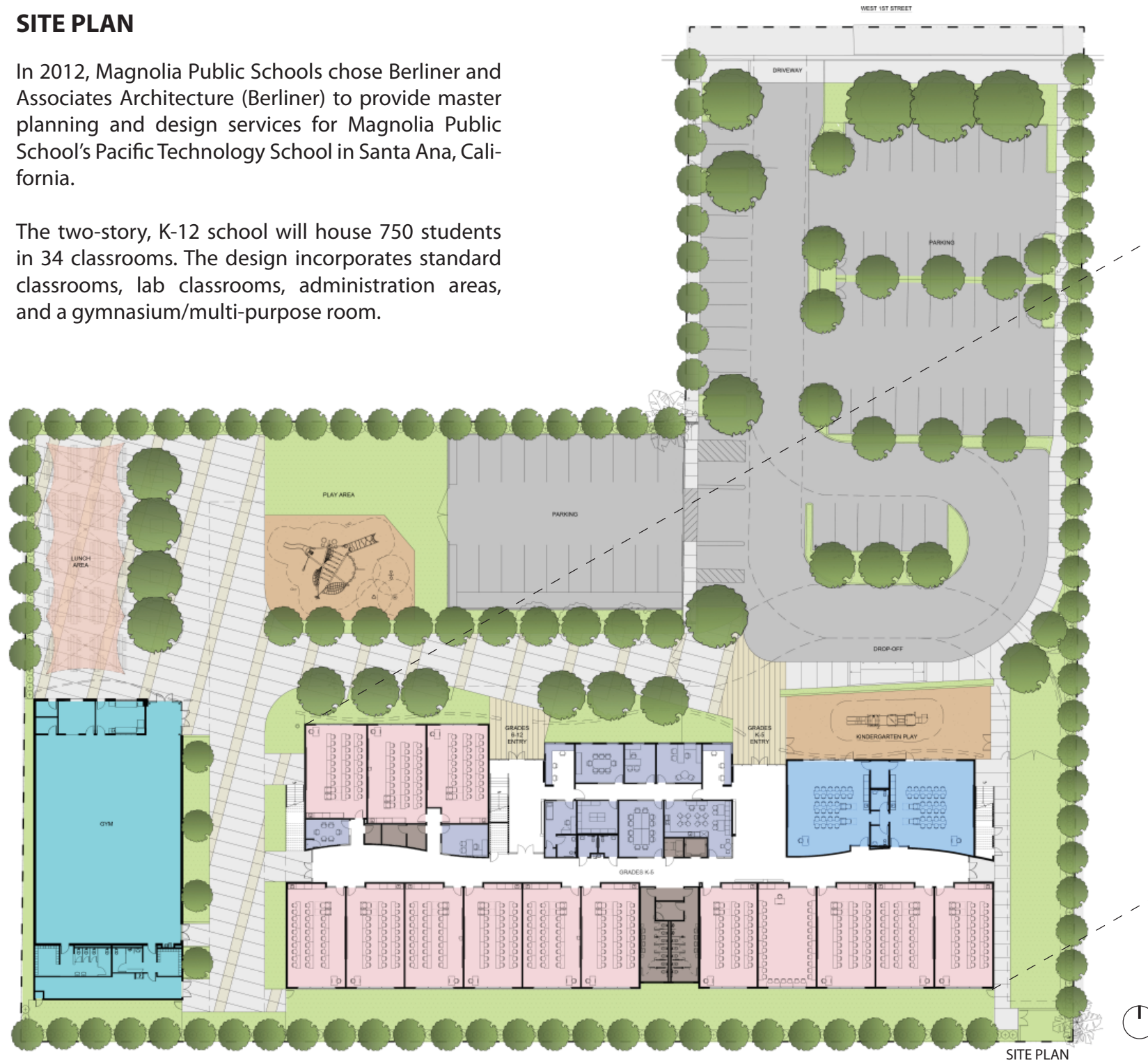


PACIFIC TECHNOLOGY SCHOOL - SANTA ANA

SITE PLAN

In 2012, Magnolia Public Schools chose Berliner and Associates Architecture (Berliner) to provide master planning and design services for Magnolia Public School's Pacific Technology School in Santa Ana, California.

The two-story, K-12 school will house 750 students in 34 classrooms. The design incorporates standard classrooms, lab classrooms, administration areas, and a gymnasium/multi-purpose room.



- ADMINISTRATION
- CLASSROOMS
- SCIENCE LABS
- GYMNASIUM
- LIBRARY
- RETREAT

CLASSROOM RENDERINGS



The school's 34 classrooms were designed to maximize the use of daylighting for energy efficiency and to create a pleasant and comfortable visual learning environment.

GRADES K - 5 LOBBY RENDERINGS



With separate entrances for the upper and lower schools, the design allows for the older and younger students to enjoy spaces independent of one another. Interior glass optimizes an open learning environment that builds a sense of community and connection.

GRADES 6-12 LOBBY RENDERINGS

