



Canyon Hills—Mat Kwatup KunKun High School

5156 Santo Rd.
San Diego, CA 92120



Sub-district: B

Cluster: Canyon Hills

Year School Opened: 1976

Grades: 9-12

- ① Synthetic Turf Field & All-weather Track
- ② Data Center Facility
- ③ HVAC Upgrade Science Building
- ④ Solar System
- ⑤ New Classroom Building

Located at the main intersection of Tierrasanta Boulevard and Santo Road, Canyon Hills—Mat Kwatup KunKun High School's campus is adjacent to Murphy Canyon and is located a short distance from Murphy Canyon Naval Housing Community, the largest military-housing community in the world with more than 2,450 families. Canyon Hills was recently awarded the Gold Ribbon Award from the California Department of Education.

Opened in 1976 and currently serving nearly 1,800 students, Canyon Hills' campus is comprised of 17 permanent buildings, 14 of which were completed in 1976, one in 1992, one in 2004 under Proposition MM, and the most recent in 2015. The campus features an auto shop, wood shop, media center, theater, gym, weight room and garden. Canyon Hills boasts impressive athletic accommodations, which include a football field and track, softball field, a baseball field that doubles as a field hockey field, tennis courts and a large field used for soccer and lacrosse. In addition, the campus includes a shaded lunch area and space nicknamed the "Q" Court— Canyon Hills' quad resembling an urban park that features 10 brightly colored shaded structures and a large, hexagonal structure known as the "Q-hut." The joint use field was agreed upon with the City of San Diego.

Canyon Hills—Mat Kwatup KunKun HS Turf Field & All-weather Track



Completed: September 2011
Funding: Proposition S

Canyon Hills' existing dirt track and natural grass field were replaced with an all-weather rubberized track and synthetic turf field that supports football, lacrosse, field hockey, and soccer. Additional improvements included grading and field drainage.



Canyon Hills—Mat Kwatup KunKun HS Data Center

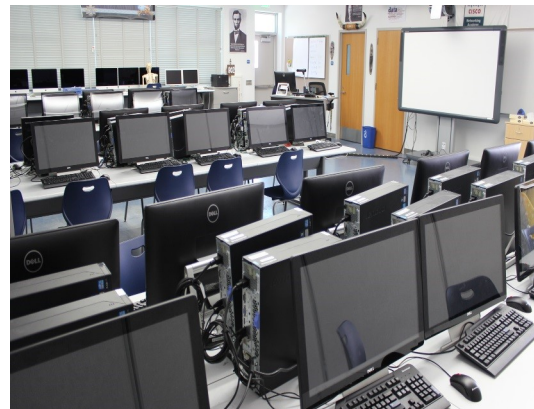


Completed: January 2014
Funding: Proposition S

Located on the east end of the Canyon Hills High School campus, the Data Center is a 13,400-square-foot, state-of-the-art facility that supports the district's centralized network needs. The building provides a housing facility for the district's server system equipment and computer related preparation, configuration, and storage spaces. Additionally, the building includes two 1,162-square-foot technology classrooms and a 444-square-foot lab utilized by the school. These classrooms provide students access to Cisco Certification programs.



Server room



Classroom and computer lab



Aerial of facility

Canyon Hills—Mat Kwatup KunKun HS Science Building HVAC Upgrade



Completed: July 2016
Funding: Proposition Z

This project at Canyon Hills High School replaces six heating units that were nearing the end of their useful life with new energy-efficient package heating/ventilation/air conditioning (HVAC) units that will provide both heat and air conditioning to five science classrooms and a prep room.



New energy efficient HVAC roof top units



New HVAC units crane delivered on roof



Older heating units

Canyon Hills—Mat Kwatup KunKun HS Solar System



Completed: Summer 2018

Funding: Proposition Z

A Solar Photovoltaic System will be installed at Canyon Hills High School. The proposed system for this campus will have solar panels that are mounted on tilt elevated canopies within the existing parking lots. These canopies will provide shade structures and under-mount LED lighting for parking lots. This system will create an energy-efficient and renewable power source. It will deliver a clean energy supply during both the academic year and school vacations.

All elements of installation will include, but not limited to:

- Solar PV modules
- Inverters
- All electrical connectors, cabling and components necessary for a complete solar system
- All mounting systems



Solar canopies at South parking lot



Solar canopies at North parking lot

Canyon Hills—Mat Kwatup KunKun HS

New Classroom Building and Site Improvements



Estimated Construction Completion: May 2023
Funding: Proposition S

This project includes the design and construction of a new two-story classroom building on the southeast side of the campus, directly south of the existing Administration Building 100 and visible from Santo Road. Additionally, the project scope will include the replacement of a large portion of the existing underground storm drain and site concrete throughout the center of campus and removal of existing modular classroom structures.



New Classroom Building