



BROOKFIELD SCHOOL

SACRAMENTO, CALIFORNIA

Private K-8 school receives sustainable site development, harboring a unique space for growing minds to learn and thrive.

■ A SCHOOL WITH 'NET ZERO' GOALS

Brookfield School is a private K-8 school, best known for strong academics, personalized student attention, and fostering a strong sense of community among students and their families. Brookfield's mission is for students to master a core curriculum and excel at higher levels of education.

We created a site plan that demonstrates sustainable site development, and fosters student stewardship, with the goal of becoming a 'net zero' facility. Classroom facilities include computer labs, an art room and music room.

Most of the existing, heritage trees on site were preserved and incorporated into an outdoor 'room' that serves dual purposes for playing and teaching. Every classroom is

100% day lit with large windows and skylights. External sunshades ensure proper daylighting without added heat.





■ SPECIALIZED APPROACHES

- Building sited to allow for maximum daylighting and photovoltaic efficiency on all buildings
- Skylights in all
- Natural ventilation
- Radiant barrier roof sheathing
- Cool roof
- Low E windows
- Storm water systems designed to keep a maximum amount of water on site for detention and percolation
- Energy efficient mechanical systems to beat Title 24 standards
- High thermal mass interiors to aid in



The ultimate goal of the site is to become a 'net zero' facility.



OWNER/DEVELOPER:
Brookfield School

ARCHITECT and LANDSCAPE ARCHITECT:
Mogavero Architects

GENERAL CONTRACTOR:
DesCor Builders

TOTAL SITE AREA:
5 acres

PROGRAM:
Pre-school and K-8 private school

PROJECT START DATE:
June 2013