

Rocketship Mosaic Elementary School



Owner: Launchpad Development Company

Operator: Rocketship Education

Architect: Artik Art & Architecture

Contractor: Robert A. Bothman, Inc.

ENVIROPLEX

High Performance Modular Buildings



Eliminating the achievement gap in our lifetime.

Serving up to 550 kindergarten through fifth-grade students, the new two-story Rocketship Mosaic Elementary School was built by Enviroplex in partnership with Artik Art & Architecture and Launchpad Development Company. Located in San Jose, California, the approximately 21,500-square-foot building is a 130' x 80' back-to-back design with 8-foot-wide double-loaded interior corridors. The well-arranged interior spaces are comprised of administration and dedicated staff offices, classrooms for traditional curriculum, a multipurpose room with serving kitchen, boys' and girls' and staff multi-fixture restrooms and IDF data and storage spaces.

Innovation is a core value for Rocketship Education, which encourages new ideas from its staff and students as well as its design professionals. By incorporating a Truth Wall in each classroom, the building has become a teaching tool: students can see the inner layers of construction materials and learn about the building systems around them. Living Walls, another innovative design element, feature lush green plants that produce high-quality indoor air and help students learn science through gardening.

Eliminating the achievement gap so that every student isn't restricted by a "destiny of demographics" is Rocketship Education's mission; building facilities that support academic excellence is Enviroplex's commitment to its educational customers.



Rocketship Mosaic Elementary School

Total Square Footage – 21,500 sq ft

Key Building Features

- 130' x 80' back-to-back design
- 8-foot-wide double-loaded interior corridors
- Three-coat stucco exterior
- Decorative VCT flooring
- Custom suspended canopies over doorways
- Concrete interior stairwell with recycled rubber treads
- Custom casework
- Boys' and girls' multi-fixture restrooms
- Pre-engineered fire sprinkler system
- Elevator with matching exterior finishes
- Gyp-Crete flooring
- Single-ply 50-mil roof with 25-year warranty
- Individual HVAC controls in each classroom

Green Building Features:

- Kohler low-flow plumbing fixtures
- High-efficiency HVAC with three-phase electrical panels
- Armstrong Green Genie ceiling tiles
- Low-VOC adhesives, sealants, paint and coatings
- Title 24-certified cool roof
- Low-E dual-glazed windows
- Certified low-VOC emission sheet vinyl in restrooms
- R-30 insulation in roof; R-19 insulation in walls