



WINDWARD SCHOOL
LOS ANGELES, CA



LEED-SCHOOLS 2.0 FACTS

LEED GOLD TARGETING

46/79

Sustainable Sites :	12 / 16
Water Efficiency :	4 / 7
Energy and Atmosphere :	8 / 17
Materials and Resources :	5 / 13
Indoor Environmental Quality :	11 / 20
Innovation and Design :	6 / 6



LEED ACCOMPLISHMENTS

Sustainable Sites

- A "cool roof" of reflective material was installed to reduce heat island effect and cooling load
- Preferred parking for low emitting, fuel efficient & carpool vehicles
- Joint use of facility with other community organizations

Water Efficiency

- Drought tolerant plants and high efficiency irrigation systems were installed to reduce the use of potable water for irrigation by over 50%
- High efficiency water closets, lavatory facilities, and waterless urinals were installed to reduce water use for the building by 40%

Energy and Atmosphere

- Efficient lighting & HVAC design reduces energy consumption by 21%
- Enhanced commissioning verified optimal performance of building systems

Materials and Resources

- Over 75% of construction waste was diverted from landfills
- Over 20% of total building materials contain recycled content

Indoor Environmental Quality

- Interior finishes (including carpet, paint, coatings, adhesives, sealants, composite wood and agrifiber products) were selected with low levels of Volatile Organic Compounds (VOC's) to reduce indoor air contamination

Innovation and Design

- Bike to school program and incentives
- School as a teaching tool
- Low impact cleaning equipment policy

42,500 sq ft

Construction : Education | Type : School

PROJECT TEAM

Owner : Windward School

Architect : Pica & Sullivan

General Contractor : Speer Construction

Mechanical Engineer : MB&A

Electrical Engineer : California Industrial

Plumbing Engineer : MB&A

Landscape Architect : Carter Romanek

LEED Consultant : Gaia

40% reduction in annual water use due to high efficiency fixtures

50% less water is used for irrigation due to drought tolerant plants and high efficiency irrigation

75% of construction waste was diverted from landfills

LEED-SCHOOLS 2.0 SCORECARD

Owner : Windward

Project : Windward School

Location : 11350 Palms Blvd., Los Angeles, CA 90066

Certification : LEED Gold (targeting as of March 2010)



12 1 3 Sustainable Sites

POSSIBLE POINTS 16

Y	?	N		Required
Y			Prereq 1	Required
Y			Prereq 2	Required
1			Credit 1	1
1			Credit 2	1
1			Credit 3	1
1			Credit 4.1	1
1			Credit 4.2	1
1			Credit 4.3	1
1			Credit 4.4	1
1			Credit 5.1	1
1			Credit 5.2	1
1			Credit 6.1	1
1			Credit 6.2	1
1			Credit 7.1	1
1			Credit 7.2	1
1			Credit 8	1
1			Credit 9	1
1			Credit 10	1

4 0 3 Water Efficiency

POSSIBLE POINTS 7

Y	?	N		Required
1			Credit 1.1	1
1			Credit 1.2	1
1			Credit 2	1
1			Credit 3.1	1
1			Credit 3.2	1
1			Credit 3.3	1
1			Credit 4	1

8 0 9 Energy & Atmosphere

POSSIBLE POINTS 17

Y	?	N		Required
Y			Prereq 1	Required
Y			Prereq 2	Required
Y			Prereq 3	Required
5			Credit 1	2-10
1			Credit 2	1-3
1			Credit 3	1
1			Credit 4	1
1			Credit 5	1
1			Credit 6	1

5 0 8 Materials & Resources

POSSIBLE POINTS 13

Y	?	N		Required
Y			Prereq 1	Required
1			Credit 1.1	1
1			Credit 1.2	1
1			Credit 1.3	1
1			Credit 2.1	1
1			Credit 2.2	1
1			Credit 3.1	1
1			Credit 3.2	1
1			Credit 4.1	1
1			Credit 4.2	1
1			Credit 5.1	1
1			Credit 5.2	1
1			Credit 6	1
1			Credit 7	1

11 0 9 Indoor Environmental Quality

POSSIBLE POINTS 20

Y	?	N		Required
Y			Prereq 1	Required
Y			Prereq 2	Required
Y			Prereq 3	Required
1			Credit 1	1
1			Credit 2	1
1			Credit 3.1	1
1			Credit 3.2	1
4			Credit 4	1-4
1			Credit 5	1
1			Credit 6.1	1
1			Credit 6.2	1
1			Credit 7.1	1
1			Credit 7.2	1
1			Credit 8.1	1-3
1			Credit 8.2	1
1			Credit 9	1-2
1			Credit 10	1

6 0 0 Innovation & Design

POSSIBLE POINTS 6

Y	?	N		Required
1			Credit 1.1	1
1			Credit 1.2	1
1			Credit 1.3	1
1			Credit 1.4	1
1			Credit 2	1
1			Credit 3	1

46 1 32 Project Totals

POSSIBLE POINTS 79

(E8) - Credit Can Assist in Certification Under LEED for Existing Buildings

Certified: 29-36 points Silver: 37-43 points Gold: 44-57 points Platinum: 58-79 points

