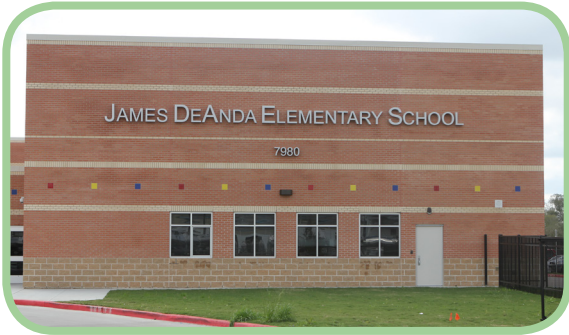


LEED Profile

DeAnda Elementary School

Achievements

- 28%** reduction in energy consumption
- 40%** reduction in water use
- 30%** recycled content of materials



Project Description

DeAnda Elementary School is a 85,500-square-foot facility at 7980 Almeda-Genoa Road that accommodates up to 750 students in pre-K through fifth grades. The new school, built under the 2007 bond program, is located on a previously undeveloped site. It features five state-of-the-art labs for music, reading, math, computer and science instruction, as well as updated technology in every classroom. The school opened in 2011 as a relief campus for Mitchell and Garden Villas elementary schools.



Sustainable Overview

- Light-colored concrete and roof used to limit heat island effect
- Building footprint minimized to maximize open spaces



Water Efficiency

- Water usage is reduced because landscape design incorporates a drip irrigation system
- Water usage in this building is reduced by low-flow plumbing fixtures



Energy & Atmosphere

- High-efficiency lighting and water-cooled chillers decrease the building's energy demand



Materials & Resources

- Vegetation is native or adapted for local climate, reducing the need for irrigation
- Use of regional materials
- Use of materials with high recycled content



Indoor Environmental Quality

- 90% of occupied spaces, including all classrooms, have windows for outdoor views and natural daylight



Innovation and Design

- Use of low-impact cleaning and maintenance policy
- Use of over 40% regional materials
- Use of over 30% recycled-content materials
- Curriculum developed for each LEED category so that students can learn about their Green School

LEED® Facts

LEED for Schools (v2007)

Certified 30*

Sustainable Sites	6
Water Efficiency	3
Energy & Atmosphere	5
Materials & Resources	4
Indoor Environmental Quality	10
Innovation & Design	2

* Out of a possible 78 points

Project Information

Owner: Houston Independent School District (HISD)

Address: 7980 Almeda Genoa Rd., Houston, TX 77075

Architect: Prosign Architects

Civil Engineer: Kuo & Associates

MEP Engineer: Kalmans Marshall Eng., Inc. Associates

Commissioning Agent: Jones Engineering

Food Service: Frank Clements Associates

Landscape Architect: Lauren Griffith Associates

Contractor: Turner Construction

Project Budget: \$15,566,712

Opened: November 2011

About LEED

The LEED Green Building Rating System is the national benchmark for the design, construction, and operations of high-performance green buildings. Visit the U.S. Green Building Council's Web site at www.usgbc.org to learn more about how you can make LEED work for you.